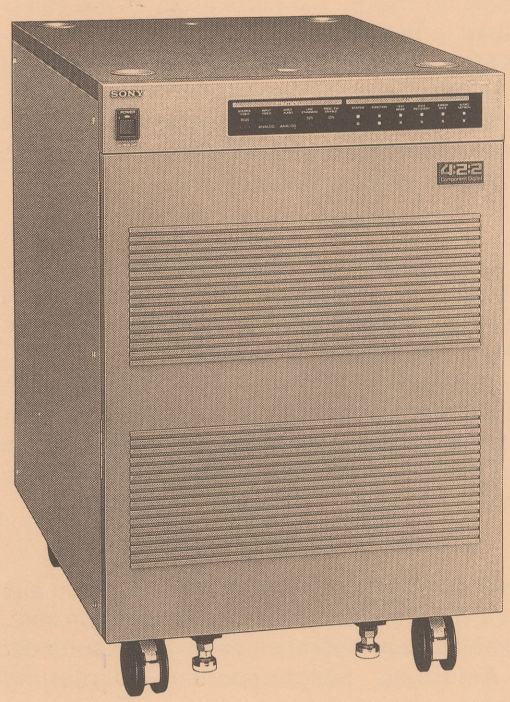
SONY

DIGITAL SIGNAL PROCESSOR

DVPC-1000



4:2:2

Component Digital

MAINTENANCE MANUAL

Volume 2 1st Edition (Revised 9)

Serial No. 10001 and Higher

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回路図中の波形写真について

DVPC－1000 MAINTENANCE MANUAL VOL－2の回路図中の波形写真は、ROVING DACを使用して撮影しました。写真は特に指定したものを除き下記の条件で撮影しました。

オシロスコープのセッティング

0.2 V／div
10 μsec／div

スイッチ／ジャンパーのセッティング（DVPC－1000）

その他のスイッチ／ジャンパーのセッティングは，5－5項と同じです。セッティングの変更が必要な場合は，各写真毎にその設定を記載しています。

Photo of Waveforms in the Circuit Diagram

The photos of waveforms in the circuit diagram of the DVPC-1000 MAINTENANCE MANUAL VOL-2 are taken by using a ROVING DAC. The photos are taken under the following conditions unless otherwise specified.

Oscilloscope settings

0.2V/div
10usec/div

Switch and jumper settings (DVPC-1000)

Other switch and jumper settings are the same as in Section 5-5. Settings which require changing are described on each photo.

IF-139 Board	S3;	TEST	ON
CI-01 Board	SW101-1;	INNER CORRECTION OFF	ON
FM-09A,B Board	S1-1;	DE-SHUFFLING THROUGH	ON
	S1-3;	OUTER CORRECTION OFF	ON
	S3-4;	1H DE-SHUFFLE MEMORY TEST	ON
	CN6;	TEST ENABLE	SHORT
IE-17 Board	CN1;	SCRAMBLE INHIBIT	SHORT
PG-13 Board	S3-2;	VIDEO TEST SIGNAL OUTPUT	ON
SY-70A,B Board	S1-3;	BYPASS-1	ON
	CN8;	DE-SCRAMBLE INHIBIT	ON
VA-45 Board	S1-1;	TEST SIGNAL SELECT	OFF
VE-12 Board	S1-1;	MAPPING OFF	ON
	S1-2;	SHUFFLING OFF	ON
VN-01 Board	S1-1;	DE-MAPPING OFF	ON
	S1-2;	CONCEALMENT OFF	ON

テスト信号発生回路用ROMの変更

VA－45基板上のIC－B9／C9／D9を下記のリニアリティー信号発生用ROMと交換します。交換の際は、電源をオフにして下さい。また、取り外したROMはビデオ信号系の調整等で使用しますので紛失しないよう大切に保管して下さい。

Replacement of ROM for the testing signal generation-circuit

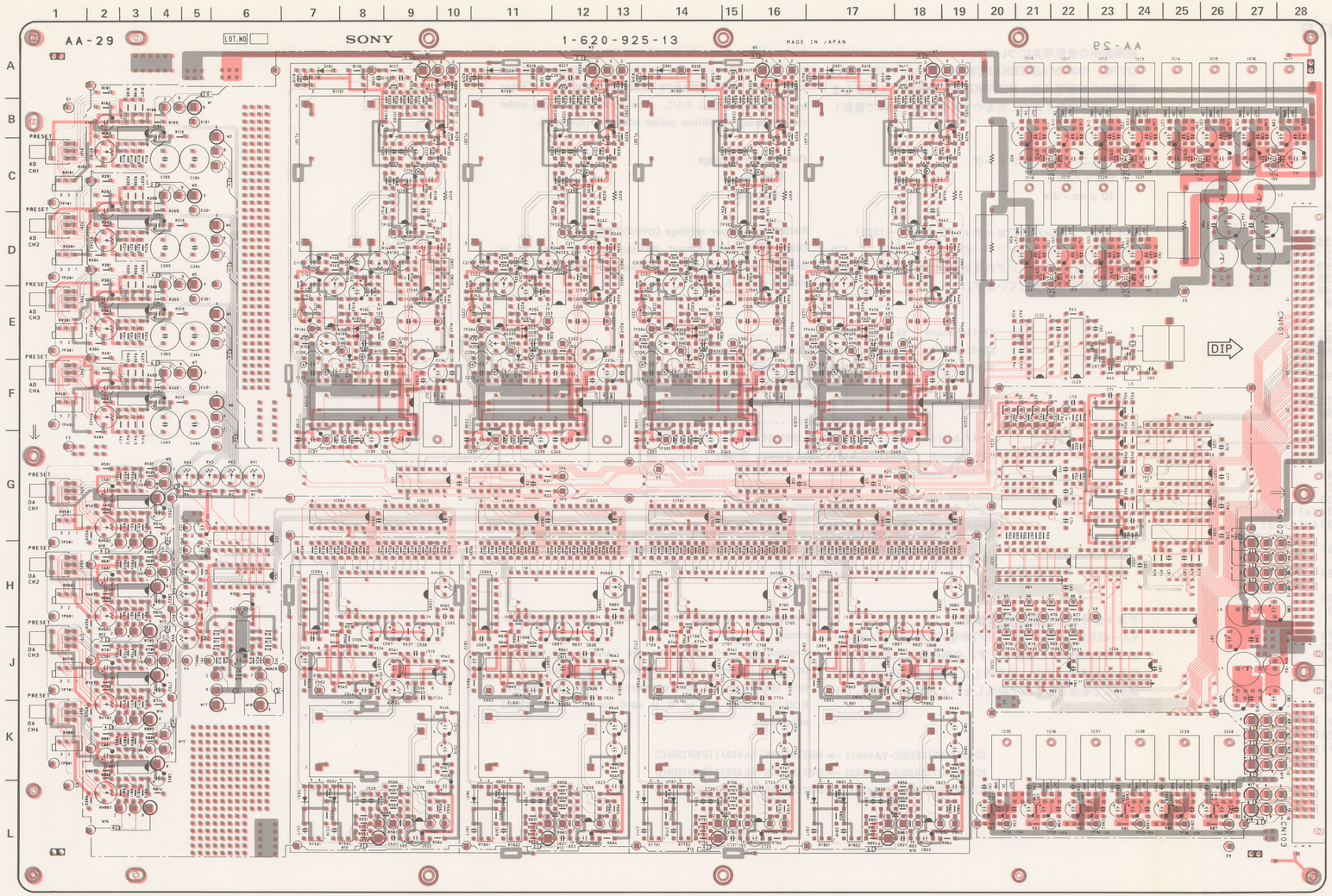
Replace the IC-B9/C9/D9 on the VA-45 board with the following linearity signal generation ROM. Make sure to turn the power off before replacing. Keep the removed ROM for later use as it is used for the video signal adjustment.

IC-B9 MB7138HSK-VA45011 → MB7138HSK-VA45911 (PENDING)
IC-C9 MB7138HSK-VA45021 → MB7138HSK-VA45921 (PENDING)
IC-D9 MB7138HSK-VA45031 → MB7138HSK-VA45931 (PENDING)

AA-29 BOARD CARD RACK

AA-29 BOARD (1-620-925-13)

Component Side



1-620-925-13 COMPONENT SIDE

1-620-925-13 SOLDER SIDE

AA-29 (1-620-925-13)

DVPC-1000

CN101M	D28	IC1	H5	IC409	F17	RV1	G6	TP1	J5	TP603	L12
CN102M	H28	IC2	G5	IC410	F19	RV2	G6	TP2	J6	TP604	L12
CN103M	K28	IC3	G6	IC501	G3	RV3	G5	TP3	G12	TP701	J1
CN111	D10	IC4	H6	IC502	G7	RV4	G5	TP4	G12	TP702	J16
CN112	D10	IC5	J6	IC503	G9	RV5	H5	TP5	G18	TP703	L16
CN211	D13	IC6	G9	IC504	H7	RV6	H5	TP6	G18	TP704	L16
CN212	D13	IC7	G11	IC505	H8	RV7	H5	TP7	C22	TP801	K1
CN311	D16	IC8	G16	IC506	J9	RV8	J5	TP8	C22	TP802	J18
CN312	D16	IC9	G17	IC507	J8	RV101	C1	TP9	C23	TP803	L18
CN411	D19	IC10	A21	IC508	L9	RV102	C2	TP10	C23	TP804	L18
CN412	D19	IC11	A22	IC601	H3	RV103	D8	TP11	C25		
		IC12	A23	IC602	G11	RV104	D7	TP12	C25	X1	E24
D101	A7	IC13	A24	IC603	G12	RV105	E7	TP13	C27		
D102	E8	IC14	A25	IC604	H11	RV201	D1	TP14	C27		
D103	E8	IC15	A26	IC605	H12	RV202	D2	TP15	D21		
D104	E8	IC16	A27	IC606	J12	RV203	D11	TP16	D21		
D201	A11	IC17	A28	IC607	J11	RV204	D11	TP17	D23		
D202	E11	IC18	C21	IC608	L12	RV205	E11	TP18	D23		
D203	E11	IC19	C22	IC701	J3	RV301	E1	TP19	F20		
D204	E11	IC20	C23	IC702	G14	RV302	E2	TP20	F21		
D301	A14	IC21	C24	IC703	G16	RV303	D14	TP21	F21		
D302	E14	IC22	E21	IC704	H14	RV304	D14	TP22	F22		
D303	E14	IC23	E22	IC705	H14	RV305	E14	TP23	G24		
D304	E14	IC24	G21	IC706	J16	RV401	F1	TP24	J20		
D401	A17	IC25	G25	IC707	J14	RV402	F2	TP25	J21		
D402	E17	IC27	G25	IC708	L16	RV403	D17	TP26	J21		
D403	E17	IC28	G21	IC801	K3	RV404	D17	TP27	J22		
D404	E17	IC29	G25	IC802	G17	RV405	E17	TP28	H20		
D501	L7	IC30	G25	IC803	G18	RV501	G1	TP29	H21		
D502	L7	IC31	H21	IC804	H17	RV502	G2	TP30	H21		
D601	L11	IC32	H23	IC805	H17	RV503	H10	TP31	H22		
D602	L11	IC33	J21	IC806	J18	RV504	J9	TP32	L20		
D701	L14	IC34	J23	IC807	J17	RV601	H1	TP33	L21		
D702	L14	IC35	K20	IC808	L18	RV602	H2	TP34	L23		
D801	L17	IC36	K21			RV603	H13	TP35	L24		
D802	L17	IC37	K23	LV1	E23	RV604	J12	TP36	L25		
		IC38	K24			RV701	J1	TP37	L26		
E1	B1	IC39	K25	PH1	F23	RV702	K2	TP101	C1		
E2	G1	IC40	K26	PH2	G23	RV703	H16	TP102	D9		
E3	L1	IC101	B3	PH3	G23	RV704	J15	TP103	E8		
E4	J5	IC102	B10	PH4	G23	RV801	K1	TP104	E7		
E5	G14	IC103	B9	PH5	G23	RV802	L2	TP105	G7		
E6	E25	IC104	C9			RV803	H19	TP106	E7		
E7	F22	IC105	D9	Q1	F20	RV804	J18	TP201	D1		
E8	H23	IC106	E9	Q2	F21			TP202	D12		
E9	L26	IC107	E7	Q3	F21	RY101	A7	TP203	E11		
E101	B5	IC108	E9	Q4	F21	RY201	A11	TP204	E11		
E102	E9	IC109	F8	Q5	H20	RY301	A14	TP205	G11		
E201	C5	IC110	F9	Q6	H21	RY401	A17	TP206	E11		
E202	E12	IC201	D3	Q7	H21	RY501	L7	TP301	E1		
E301	E5	IC202	B13	Q8	H22	RY502	L8	TP302	D15		
E302	E15	IC203	B12	Q9	J20	RY601	L11	TP303	E14		
E401	F5	IC204	C12	Q10	H21	RY602	L11	TP304	E14		
E402	E18	IC205	D12	Q11	H22	RY701	L14	TP305	G14		
E501	G3	IC206	E12	Q12	H22	RY702	L14	TP306	E14		
E502	J7	IC207	E11	Q101	E9	RY801	L17	TP401	F1		
E503	L10	IC208	E12	Q102	E9	RY802	L17	TP402	D18		
E601	H3	IC209	F11	Q201	E13			TP403	E17		
E602	J11	IC210	F13	Q202	E12	S101	C1	TP404	E17		
E603	L13	IC301	E3	Q212	D13	S201	D1	TP405	G17		
E701	J3	IC302	B16	Q301	E16	S301	E1	TP406	E17		
E702	J14	IC303	B16	Q302	E15	S401	F1	TP501	H1		
E703	L16	IC304	C16	Q401	E19	S501	G1	TP502	J9		
E801	K3	IC305	D16	Q402	E18	S601	H1	TP503	L9		
E802	J17	IC306	E15			S701	J1	TP504	L9		
E803	L19	IC307	E14	RB1	H21	S801	K1	TP601	H1		
		IC308	E16	RB2	J21			TP602	J12		
F1	J27	IC309	F14	RB3	J23						
		IC310	F16	RB4	F25						
FL101	C7	IC401	F3								
FL201	C11	IC402	B19								
FL301	C14	IC403	B18								
FL401	C17	IC404	C18								
FL501	K8	IC405	D18								
FL601	K11	IC406	E18								
FL701	K14	IC407	E17								
FL801	K17	IC408	E18								

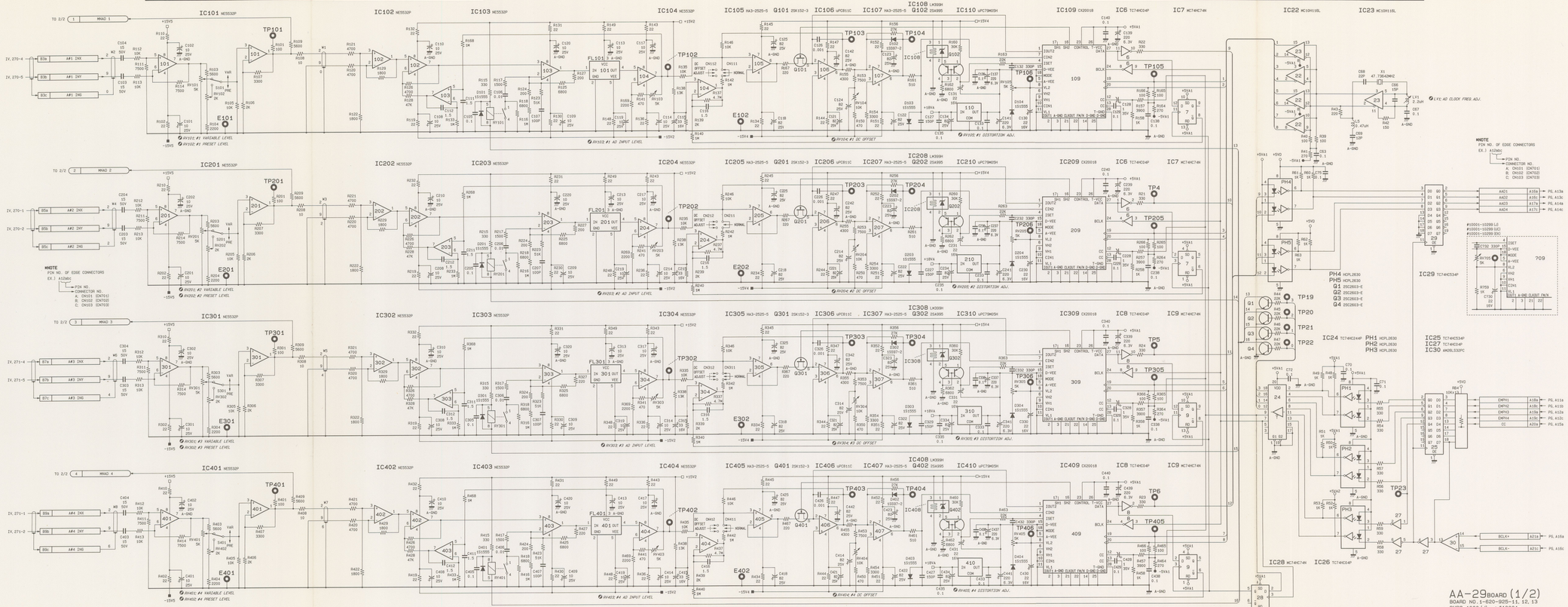
AA-29 BOARD (1/2)

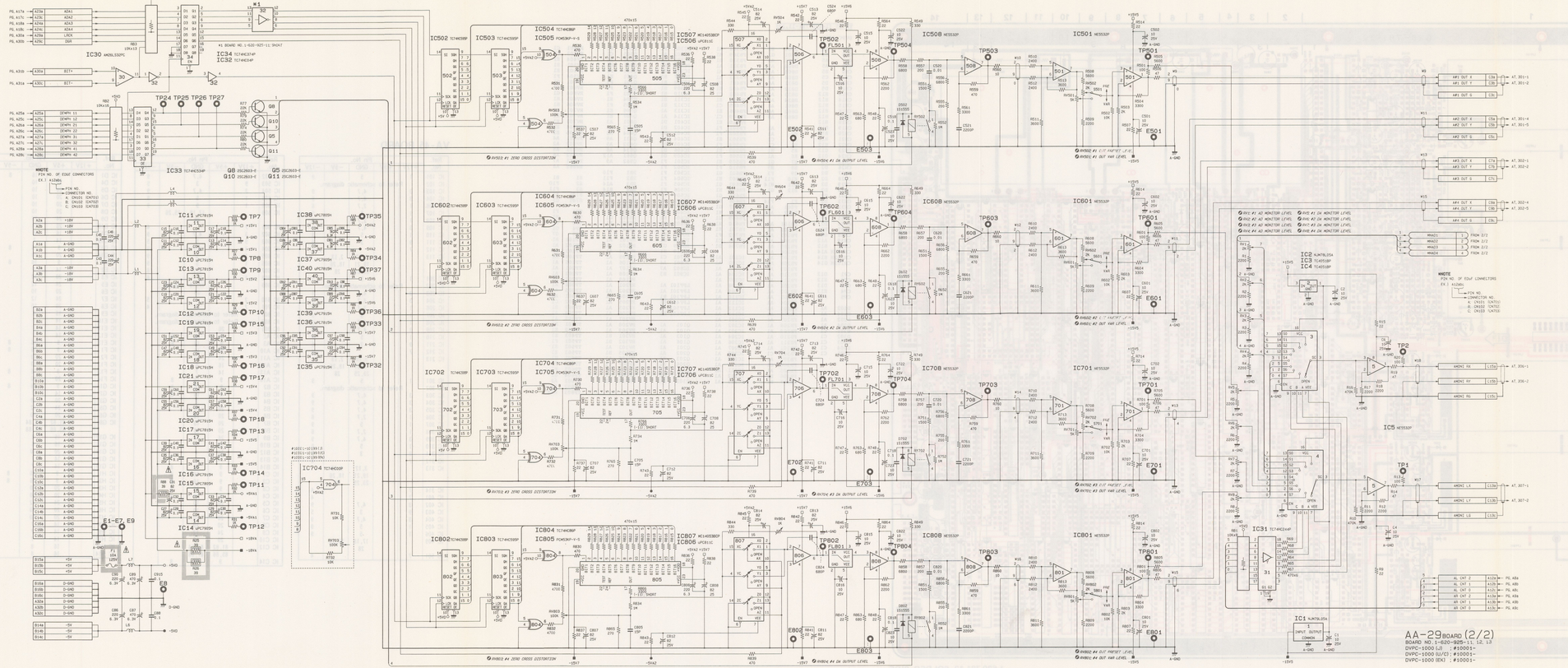
Audio A/D, D/A Converter

AA-29 (1/2) BOARD CARD RACK

CARD RACK AA-29 (1/2) BOARD

AA-29 (1/2) BOARD CARD RACK





CARD RACK AA-29 (2/2) BOARD AA-29 (2/2) BOARD CARD RACK

AA-29 BOARD

Ref. No.	+15V	+5V	Pin No. GND	−5V	−15V
IC 1		Refer to schematic diagram			
IC 2		Refer to schematic diagram			
IC 3		16	8	7	
IC 4		16	8	7	
IC 5		Refer to schematic diagram			
IC 6		14	7		
IC 7		14	7		
IC 8		14	7		
IC 9		14	7		
IC 10		Refer to schematic diagram			
IC 11		Refer to schematic diagram			
IC 12		Refer to schematic diagram			
IC 13		Refer to schematic diagram			
IC 14		Refer to schematic diagram			
IC 15		Refer to schematic diagram			
IC 16		Refer to schematic diagram			
IC 17		Refer to schematic diagram			
IC 18		Refer to schematic diagram			
IC 19		Refer to schematic diagram			
IC 20		Refer to schematic diagram			
IC 21		Refer to schematic diagram			
IC 22		1, 16	8		
IC 23		1, 16	8		
IC 24	20	10			
IC 25	20	10			
IC 27	14	7			
IC 28	14	7			
IC 29	20	10			
IC 30	16	8			
IC 31	20	10			
IC 32	14	7			
IC 33	20	10			
IC 34	20	10			
IC 35		Refer to schematic diagram			
IC 36		Refer to schematic diagram			
IC 37		Refer to schematic diagram			
IC 38		Refer to schematic diagram			
IC 39		Refer to schematic diagram			
IC 40		Refer to schematic diagram			
IC 101		Refer to schematic diagram			
IC 102		Refer to schematic diagram			
IC 103		Refer to schematic diagram			
IC 104		Refer to schematic diagram			
IC 105		Refer to schematic diagram			
IC 106		Refer to schematic diagram			
IC 107		Refer to schematic diagram			
IC 108	3	4			
IC 109		26	3, 14, 25, 28	5, 15	
IC 110		Refer to schematic diagram			
IC 201		Refer to schematic diagram			
IC 202		Refer to schematic diagram			
IC 203		Refer to schematic diagram			
IC 204		Refer to schematic diagram			
IC 205		Refer to schematic diagram			
IC 206		Refer to schematic diagram			
IC 207		Refer to schematic diagram			
IC 208	3	4			

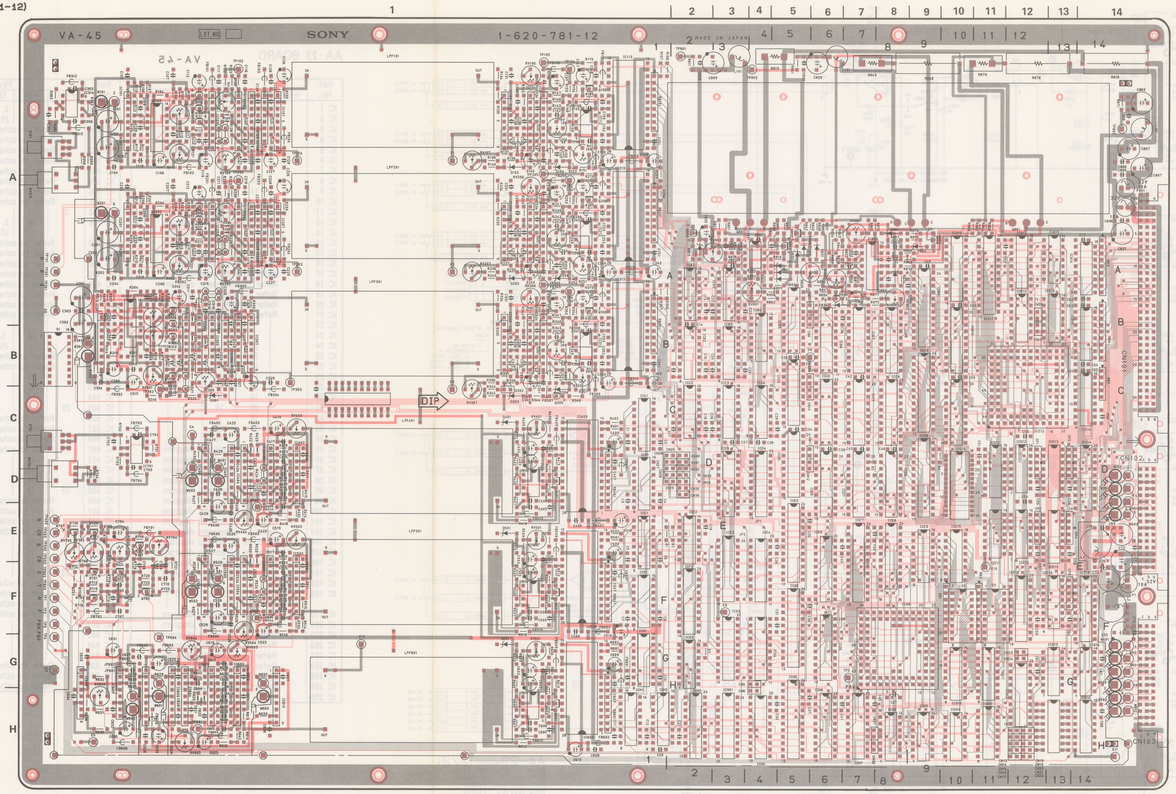
Ref. No.	+15V	+5V	Pin No. GND	−5V	−15V
IC 209		26	3, 14, 25, 28	5, 15	
IC 210		Refer to schematic diagram			
IC 301		Refer to schematic diagram			
IC 302		Refer to schematic diagram			
IC 303		Refer to schematic diagram			
IC 304		Refer to schematic diagram			
IC 305		Refer to schematic diagram			
IC 306		Refer to schematic diagram			
IC 307		Refer to schematic diagram			
IC 308	3	4			
IC 309		26	3, 14, 25, 28	5, 15	
IC 310		Refer to schematic diagram			
IC 401		Refer to schematic diagram			
IC 402		Refer to schematic diagram			
IC 403		Refer to schematic diagram			
IC 404		Refer to schematic diagram			
IC 405		Refer to schematic diagram			
IC 406		Refer to schematic diagram			
IC 407		Refer to schematic diagram			
IC 408	3	4			
IC 409		26	3, 14 25, 28	5, 15	
IC 410		Refer to schematic diagram			
IC 501		Refer to schematic diagram			
IC 502		16	8		
IC 503		16	8		
IC 504		14	7		
IC 505	23	18	20		19
IC 506		Refer to schematic diagram			
IC 507		Refer to schematic diagram			
IC 508		Refer to schematic diagram			
IC 601		Refer to schematic diagram			
IC 602		16	8		
IC 603		16	8		
IC 604		14	7		
IC 605	23	18	20		19
IC 606		Refer to schematic diagram			
IC 607		Refer to schematic diagram			
IC 608		Refer to schematic diagram			
IC 701		Refer to schematic diagram			
IC 702		16	8		
IC 703		16	8		
IC 704		14	7		
IC 705	23	18	20		19
IC 706		Refer to schematic diagram			
IC 707		Refer to schematic diagram			
IC 708		Refer to schematic diagram			
IC 801		Refer to schematic diagram			
IC 802		16	8		
IC 803		16	8		
IC 804		14	7		
IC 805	23	18	20		19
IC 806		Refer to schematic diagram			
IC 807		Refer to schematic diagram			
IC 808		Refer to schematic diagram			

AA-29 BOARD (2/2)
BOARD NO. 1-620-925-11, 12, 13
DVPC-1000 U,E : #10001-
DVPC-1000 EU/CE) : #10001-
DVPC-1000 (EK) : #10001-

VA-45 BOARD (1-620-781-12)

Component Side

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



1-620-781-12 COMPONENT SIDE

1-620-781-12 SOLDER SIDE

VA-45 (1-620-781-11,12)

DVPC-1000

CN5	G4	D501	E1	FB308	A1	IC301	B1	Q304	B1	RV401	C1
CN6	H4	D601	G1	FB309	B1	IC302	A1	Q305	C1	RV403	C1
CN7	A5	D801	A5	FB310	B1	IC303	B1	Q306	A1	RV404	E1
CN8	A5	D802	A5	FB311	A1	IC304	B1	Q401	D1	RV501	E1
CN9	B5	D803	A5	FB312	A1	IC306	B1	Q501	F1	RV503	E1
CN10	C5	D804	A2	FB313	A1	IC307	B1	Q601	H1	RV504	F1
CN11	D5	D831	A6	FB401	D1	IC308	B1	Q701	F1	RV601	G1
CN12	D5	D832	A5	FB402	E1	IC309	B1	Q702	F1	RV603	G1
CN13	H12	D833	A5	FB403	C1	IC310	B1	Q703	F1	RV604	G1
CN14	H12	D834	A6	FB404	E1	IC311	B1	Q704	E1	RV605	H1
CN15	H12	D861	A8	FB405	C1	IC312	B1	Q705	F1	RV606	H1
CN16	H12	D862	A8	FB406	E1	IC313	A1	Q706	E1	RV701	D1
CN17	H12	D863	A9	FB409	C1	IC314	A1	Q707	E1	RV702	E1
CN18	H12			FB410	E1	IC401	D1	Q801	A3	RV703	E1
CN19	H12	E1	A1	FB501	F1	IC402	D1	Q802	A5	RV704	E1
CN20	H12	E2	A1	FB502	F1	IC403	D1	Q804	A2	RV705	E1
CN21	H12	E3	C1	FB503	E1	IC404	D1	Q831	A9	RV801	A4
CN22	H12	E4	C1	FB504	F1	IC405	D1	Q832	A5	RV802	A2
CN23	G12	E5	B1	FB505	E1	IC406	D1	Q834	A6	RV831	A5
CN24	G12	E6	A1	FB506	F1	IC409	D1	Q861	A12	RV832	A6
CN25	D2	E7	G1	FB509	E1	IC501	F1	Q862	A9	RV861	A7
CN26	D2	E8	B5	FB510	F1	IC502	F1			RV862	A8
CN27	D2	E9	F3	FB601	G1	IC503	F1	RB1	F10		
CN28	D2	E10	F11	FB602	B1	IC504	F1	RB2	F11	S1	B1
CN29	D2	E11	B14	FB603	G1	IC505	F1	RB3	A14	S2	F10
CN30	D2	E12	G1	FB604	B1	IC506	F1	RB4	B14	S3	F11
CN31	D2			FB605	G1	IC509	F1	RB5	B14	S101	A1
CN32	D2	F1	F14	FB606	B1	IC601	B1	RB101	A1	S701	C1
CN33	D2	F601	A14	FB607	G1	IC602	B1	RB201	A1		
CN34	D2	F802	A14	FB608	B1	IC603	B1	RB301	A1	TP1	F1
CN35	D2			FB609	G1	IC604	B1	RB401	D1	TP2	F1
CN36	D2	FB101	A1	FB610	B1	IC605	B1	RB501	F1	TP3	F1
CN37	H8	FB102	A1	FB701	E1	IC606	B1	RB601	H1	TP4	G1
CN38	H8	FB103	A1	FB702	F1	IC607	B1			TP5	G7
CN39	A12	FB104	A1	FB703	C1	IC608	B1	RV101	A1	TP101	A1
CN40	B12	FB105	A1	FB704	D1	IC609	G1	RV102	A1	TP102	A1
CN102M	A14	FB106	A1			IC610	B1	RV104	A1	TP103	A1
CN102R	B14	FB107	A1	IC101	A1	IC701	C1	RV105	A1	TP104	A1
CN103M	G14	FB108	A1	IC102	A1	IC801	A4	RV106	A1	TP105	A1
		FB109	A1	IC103	A1	IC802	A7	RV107	A1	TP201	A1
CP1	D12	FB110	A1	IC104	A1	IC901	B3	RV108	A1	TP202	A1
CP2	B12	FB201	A1	IC105	A1			RV109	A1	TP203	A1
CP3	D13	FB202	A1	IC108	A1	LPF101	A1	RV201	A1	TP204	A1
CP4	B13	FB203	A1	IC109	A1	LPF201	A1	RV203	A1	TP205	A1
CP5	F13	FB204	A1	IC110	A1	LPF301	B1	RV204	A1	TP301	A1
		FB205	A1	IC111	A1	LPF401	D1	RV205	A1	TP302	C1
D102	A1	FB206	A1	IC112	A1	LPF501	F1	RV205	A1	TP303	B1
D104	A1	FB207	A1	IC113	A1	LPF601	B1	RV206	A1	TP304	A1
D202	A1	FB208	A1	IC201	A1			RV207	A1	TP305	A1
D204	A1	FB209	A1	IC202	A1	Q101	A1	RV208	A1	TP401	E1
D301	C1	FB210	A1	IC203	A1	Q102	A1	RV209	A1	TP402	E1
D302	C1	FB211	A1	IC204	A1	Q103	A1	RV301	B1	TP403	E1
D303	C1	FB301	A1	IC206	A1	Q106	A1	RV302	B1	TP501	F1
D304	C1	FB302	C1	IC207	A1	Q201	A1	RV303	A1	TP502	E1
D401	C1	FB303	A1	IC208	A1	Q202	A1	RV305	B1	TP503	E1
		FB304	C1	IC209	A1	Q203	A1	RV306	A1	TP601	B1
		FB305	A1	IC210	A1	Q206	A1	RV307	C1	TP602	F1
		FB306	B1	IC211	A1	Q301	B1	RV308	B1	TP603	F1
		FB307	B1	IC212	A1	Q302	A1	RV309	B1	TP604	G1
				IC213	A1	Q303	A1	RV310	A1	TP801	A2
										TP802	A4
										TP803	A14

CARD RACK VA-45 BOARD VA-45 BOARD CARD RACK

VA-45 BOARD

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC 101	1		5		9
IC 102	Refer to schematic diagram.				
IC 103	3		4,7		9
IC 104	3		4,7		9
IC 106	1		2,7		6
IC 107	1		5		9
IC 108	1		2,7		6
IC 109	3		4,7		9
IC 110	1		5		9
IC 111	9		3		5
IC 112	7				4
IC 113			3,12	2,13	
			19,21	18,26	
			23,25	28	
IC 201	1		5		9
IC 202	Refer to schematic diagram.				
IC 203	3		4,7		9
IC 204	3		4,7		9
IC 206	1		2,7		6
IC 207	1		5		9
IC 208	1		2,7		6
IC 209	3		4,7		9
IC 210	1		5		9
IC 211	9		3		5
IC 212	7				4
IC 213			3,12	2,13	
			19,21	18,26	
			23,25	28	
IC 301	1		5		9
IC 302	Refer to schematic diagram.				
IC 303	3		4,7		9
IC 304	3		4,7		9
IC 305	3		4,7		9
IC 306	1		2,7		6
IC 307	1		5		9
IC 308	1		2,7		6
IC 309	3		4,7		9
IC 310	1		5		9
IC 311	9		3		5
IC 312	7				4
IC 313			3,12	2,13	
			19,21	18,26	
			23,25	28	
IC 314	7				4
IC 401	7				4
IC 402	3		4,7		9
IC 403	9		3		5
IC 404	3		4,7		9
IC 405	1		5		9
IC 406	1		5		9
IC 409			17,18	15,26	
			28		
IC 501	7				4

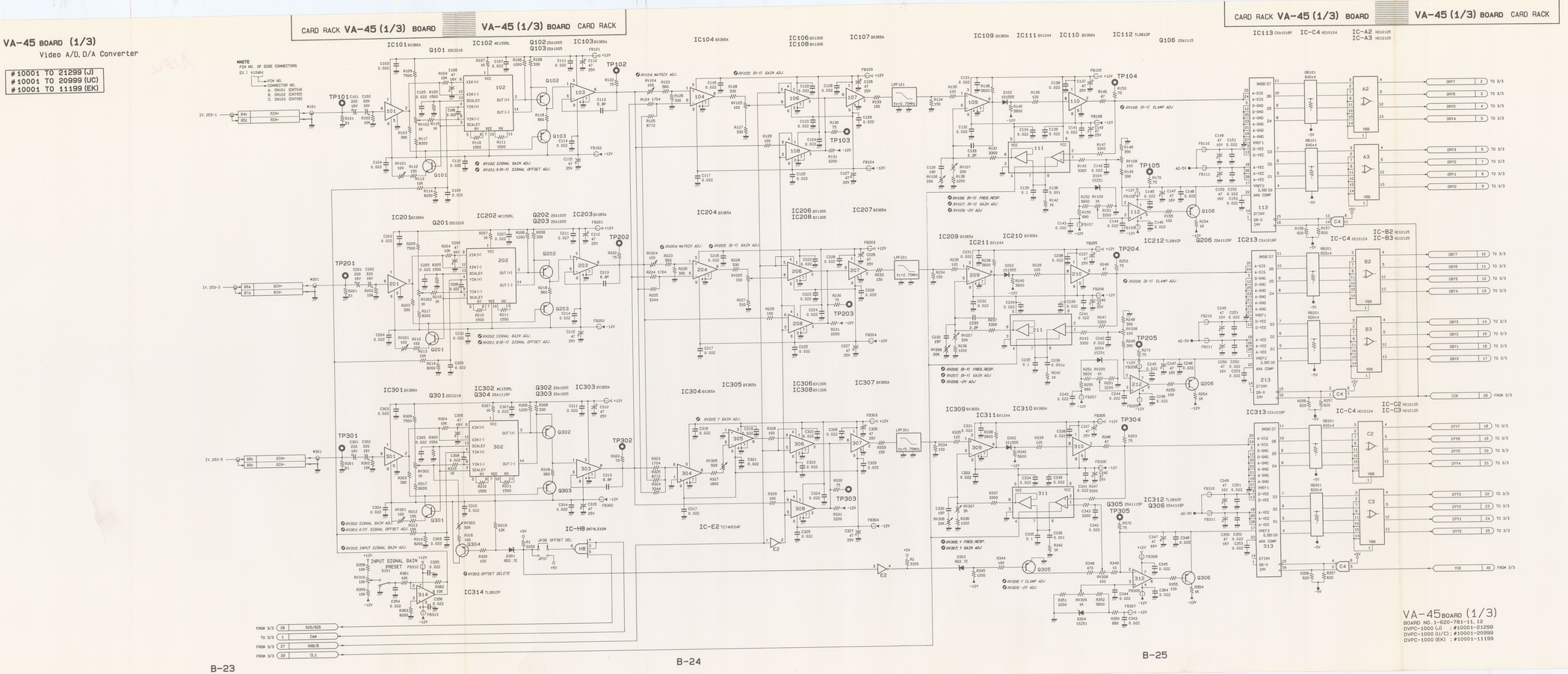
Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC 502	3		4,7		9
IC 503	9		3		5
IC 504	3		4,7		9
IC 505	1		5		9
IC 506	1		5		9
IC 509			17,18	15,26	
			28		
IC 601	7				4
IC 602	3		4,7		9
IC 603	9		3		5
IC 604	3		4,7		9
IC 605	1		5		9
IC 606	1		5		9
IC 607	1		2,7		6
IC 608	1		2,7		6
IC 609			17,18	15,26	
			28		
IC 610	2				5
IC 701	7				4
IC 801	Refer to schematic diagram.				
IC 802	Refer to schematic diagram.				
IC 901	20	10			
IC A2	9	16	8		
IC A3	9	16	8		
IC A10	20	10			
IC A11	24	12			
IC A12	16	8			
IC A13	14	7			
IC A14	9	16	8		
IC B2	9	16	8		
IC B3	9	16	8		
IC B4	14	7			
IC B5	20	10			
IC B6	20	10			
IC B7	20	10			
IC B8	20	10			
IC B9	24	12			
IC B10	20	10			
IC B12	14	7			
IC B13	14	7			
IC B14	9	16	8		
IC C1	9	16	8		
IC C2	9	16	8		
IC C3	9	16	8		
IC C4	9	16	8		
IC C5	20	10			
IC C6	20	10			
IC C7	20	10			
IC C8	20	10			
IC C9	24	12			
IC C10	20	10			
IC C12	81,82	83,84			
	85,86	87,88			
IC C14	9	16	8		

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC D1	9	16	8		
IC D4	20	10			
IC D5	20	10			
IC D6	20	10			
IC D7	20	10			
IC D8	20	10			
IC D9	24	12			
IC D10	28	14			
IC D11	16	8			
IC D12	14	7			
IC D13	9	16	8		
IC D14	20	10			
IC E1	9	16	8		
IC E2	14	7			
IC E3	20	10			
IC E5	24	12			
IC E6	20	10			
IC E7	24	12			
IC E8	20	10			
IC E9	16	8			
IC E10	14	7			
IC E11	14	7			
IC E12	14	7			
IC E13	9	16	8		
IC F1	9	16	8		
IC F2	20	10			
IC F12	20	10			
IC F13	9	16	8		
IC F14	20	10			
IC G1	9	16	8		
IC G2	14	7			
IC G3	20	10			
IC G5	24	12			
IC G6	20	10			
IC G8	81,82	83,84			
	85,86	87,88			
IC G10	16	8			
IC G11	16	8			
IC G12	20	10			
IC G13	14	7			
IC G14	14	7			
IC H1	9	16	8		
IC H2	9	16	8		
IC H3	20	10			
IC H4	20	10			
IC H5	24	12			
IC H6	20	10			
IC H7	20	10			
IC H8	14	7			
IC H9	14	7			
IC H10	14	7			
IC H11	16	8			
IC H14	16	8			

VA-45 BOARD (1/3)

Video A/D, D/A Converter

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



VA-45 BOARD (1/3)
BOARD NO.1-620-781-11.12
DVPC-1000 (J) : #10001-21299
DVPC-1000 (U/C) : #10001-20999
DVPC-1000 (EK) : #10001-11199

NEW

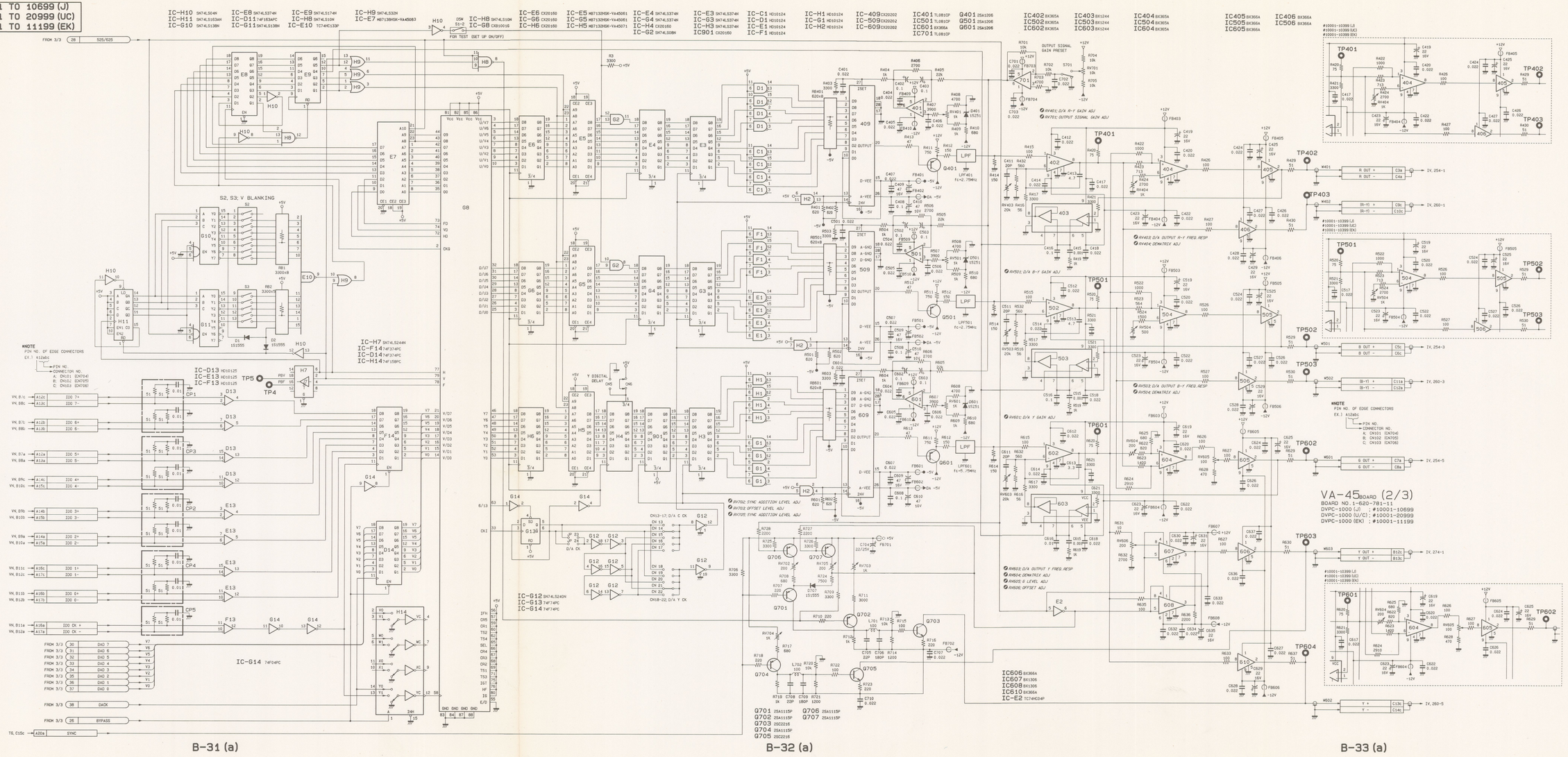
VA-45 (2/3) BOARD CARD RACK

CARD RACK VA-45 (2/3) BOARD

VA-45 BOARD (2/3)

Video A/D, D/A Converter

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



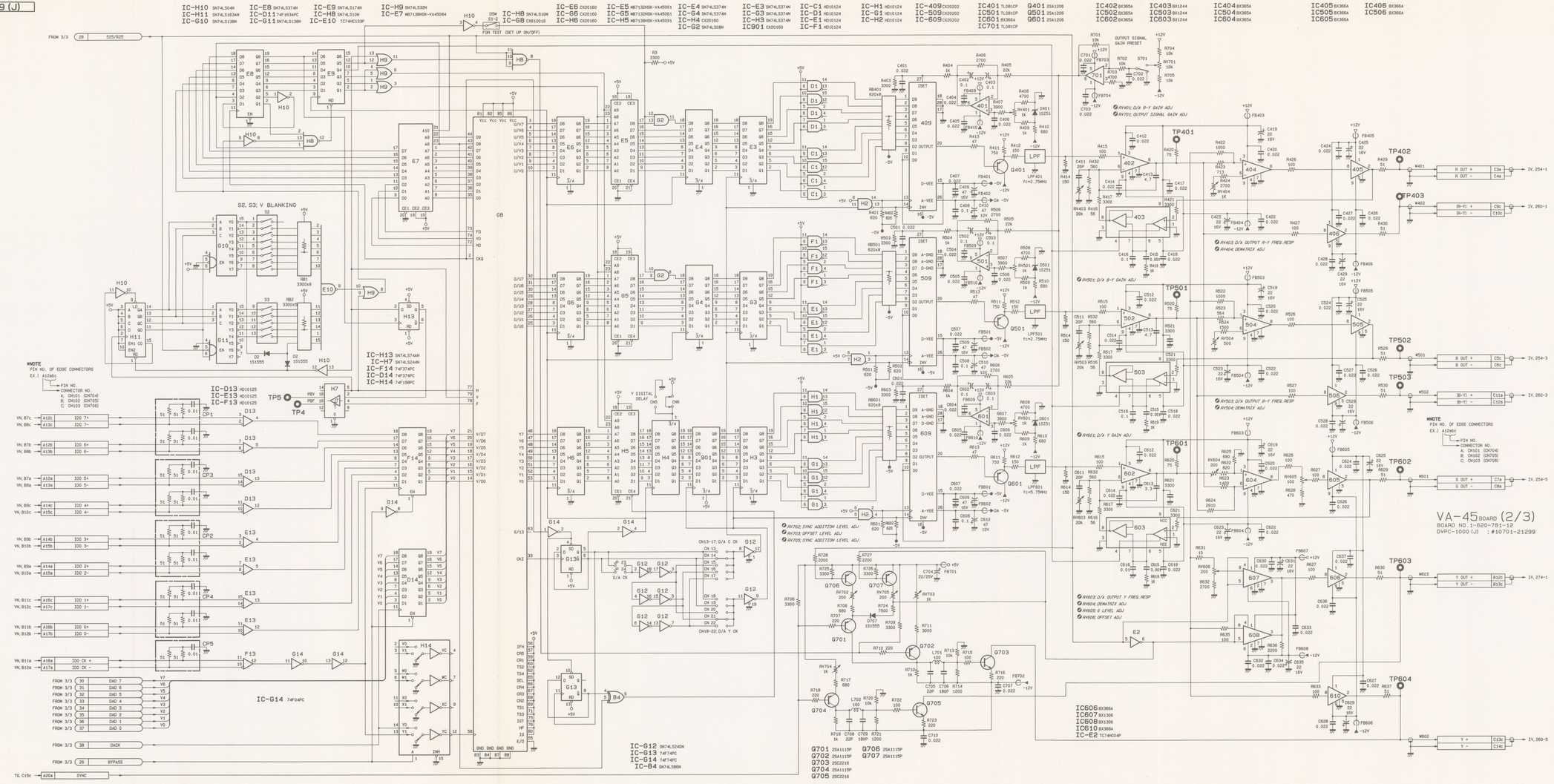
VA-45 (2/3) BOARD CARD RACK

CARD RACK VA-45 (2/3) BOARD

VA-45 BOARD (2/3)

Video A/D, D/A Converter

10701 TO 21299 (J)



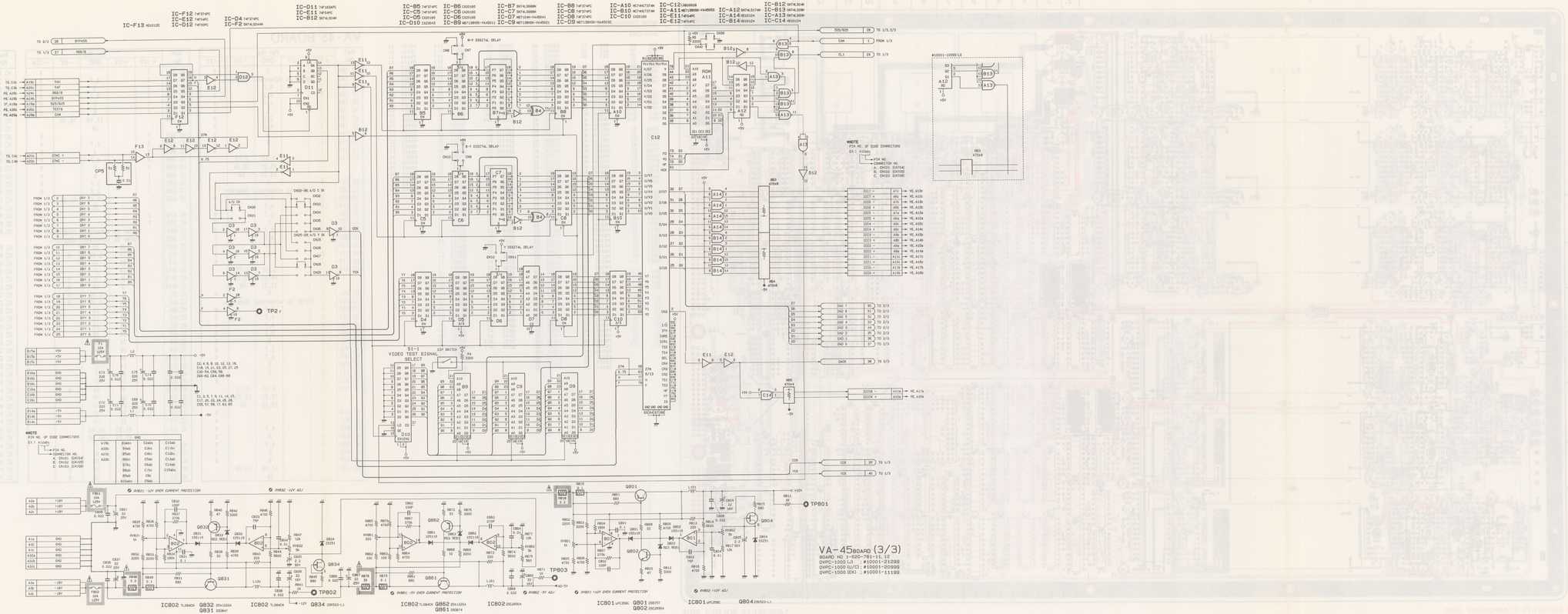
VA-45 (3/3) BOARD CARD RACK

CARD RACK VA-45 (3/3) BOARD

VA-45 BOARD (3/3)

Video A/D, D/A Converter

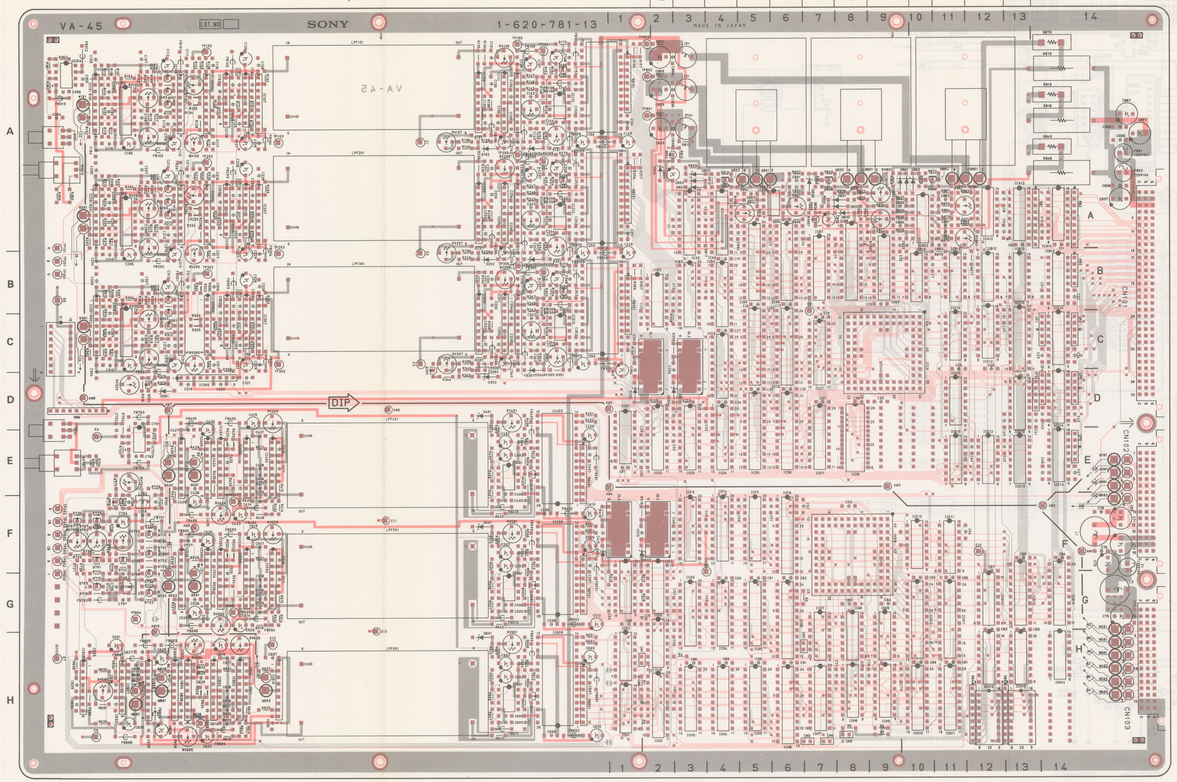
#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



CARD RACK VA-45 BOARD VA-45 BOARD CARD RACK

VA-45 BOARD (1-620-781-13)
Component Side

21301 & UP (J)
21001 & UP (UC)
11201 & UP (EK)



1-620-781-13 COMPONENT SIDE

B-19 (a)

1-620-781-13 SOLDER SIDE

B-20 (a)

VA-45 (1-620-781-13)

DVPC-1000

CN1	H1	E11	F1	FB604	H1	IC506	G1	RB1	A14	TP101	A1
CN2	H6	E12	H1	FB605	H1	IC509	F1	RB2	A14	TP102	A1
CN3	H7	E13	H1	FB606	H1	IC601	B1	RB3	B14	TP103	A1
CN4	H7			FB607	H1	IC602	H1	RB4	B12	TP104	A1
CN5	H8	F1	F14	FB608	H1	IC603	B1	RB5	B13	TP105	A1
CN101M	A14	F801	A14	FB609	H1	IC604	H1	RB101	A1	TP201	B1
CN102M	B14	F802	A14	FB610	H1	IC605	B1	RB201	A1	TP202	A1
CN103M	B14			FB701	F1	IC606	H1	RB301	B1	TP203	B1
		FB101	A1	FB702	G1	IC607	B1	RB401	B1	TP204	A1
CP1	C14	FB102	A1	FB703	D1	IC608	H1	RB501	G1	TP205	A1
CP2	C14	FB103	A1	FB704	G1	IC609	B1	RB601	B1	TP301	B1
CP3	D13	FB104	A1			IC610	H1			TP302	B1
CP4	D14	FB105	A1	IC101	A1	IC801	A6	RV101	A1	TP303	C1
CP5	D14	FB106	A1	IC102	A1	IC801	A6	RV102	A1	TP304	B1
CP6	E14	FB107	A1	IC103	A1	IC802	A10	RV104	A1	TP401	F1
		FB108	A1	IC104	A1			RV105	A1	TP402	F1
D102	A1	FB109	A1	IC106	A1	LPF101	A1	RV106	A1	TP403	F1
D104	A1	FB110	A1	IC107	A1	LPF201	A1	RV107	A1	TP501	G1
D105	D1	FB111	A1	IC108	A1	LPF301	B1	RV108	A1	TP502	F1
D202	B1	FB201	A1	IC109	A1	LPF401	B1	RV109	A1	TP503	F1
D204	B1	FB202	B1	IC110	A1	LPF501	G1	RV201	A1	TP601	B1
D205	D2	FB203	A1	IC111	A1	LPF601	B1	RV202	A1	TP602	F1
D301	D1	FB204	A1	IC112	A1			RV204	A1	TP603	F1
D302	C1	FB205	A1	IC113	A1	Q101	A1	RV205	B1	TP604	G1
D303	D1	FB206	A1	IC201	A1	Q102	A1	RV205	A1	TP801	A1
D401	D1	FB207	A1	IC202	A1	Q103	A1	RV206	A1	TP802	A1
D402	F1	FB208	A1	IC203	A1	Q106	A1	RV207	B1	TP803	A1
		FB209	A1	IC204	A1	Q201	B1	RV208	A1		
D501	F1	FB210	B1	IC206	A1	Q202	A1	RV209	A1		
D502	F2	FB211	A1	IC207	A1	Q203	A1	RV301	C1		
D601	H1	FB301	B1	IC208	A1	Q206	A1	RV302	C1		
D801	A3	FB302	C1	IC209	A1	Q301	C1	RV303	D1		
D802	A3	FB303	B1	IC210	A1	Q302	B1	RV305	C1		
D803	A3	FB304	C1	IC211	A1	Q303	C1	RV306	B1		
D804	A2	FB305	B1	IC212	A1	Q304	D1	RV307	C1		
D831	A8	FB306	C1	IC213	A1	Q305	C1	RV308	C1		
D832	A8	FB307	C1	IC301	C1	Q306	B1	RV309	C1		
D833	A7	FB308	B1	IC302	C1	Q401	E1	RV710	A1		
D834	A8	FB309	C1	IC303	C1	Q501	G1	RV401	D1		
D861	A9	FB310	C1	IC304	C1	Q601	H1	RV403	D1		
D862	A9	FB311	B1	IC305	D1	Q701	F1	RV404	F1		
D863	A10	FB312	A1	IC306	C1	Q702	F1	RV501	F1		
		FB313	A1	IC307	C1	Q703	G1	RV503	F1		
DL1	C2	FB401	E1	IC308	C1	Q704	F1	RV504	G1		
DL2	C3	FB402	F1	IC309	C1	Q705	G1	RV601	H1		
DL4	F1	FB403	D1	IC310	C1	Q706	F1	RV603	H1		
DL5	F2	FB404	F1	IC311	C1	Q707	F1	RV604	H1		
		FB405	D1	IC312	C1	Q708	F1	RV605	H1		
E1	A1	FB406	F1	IC313	B1	Q709	F1	RV606	H1		
E2	D1	FB409	E1	IC314	C1	Q710	F1	RV701	E1		
E3	C1	FB410	F1	IC401	E1	Q801	A5	RV702	F1		
E4	E1	FB501	F1	IC402	E1	Q802	A4	RV703	F1		
E5	H1	FB502	G1	IC403	E1	Q804	A2	RV704	E1		
E6	H1	FB503	F1	IC404	E1	Q831	A8	RV705	F1		
E7	H1	FB504	G1	IC405	E1	Q832	A7	RV801	A6		
E8	H1	FB505	F1	IC406	E1	Q834	A7	RV802	A5		
E9	H1	FB506	G1	IC409	D1	Q861	A12	RV831	A9		
E10	F12	FB509	F1	IC501	G1	Q862	A11	RV832	A9		
		FB510	G1	IC502	G1			RV861	A12		
		FB601	B1	IC503	G1			RV862	A12		
		FB602	B1	IC504	G1						
		FB603	B1	IC505	G1			S101	A1		
								S701	D1		

B-21 (a)

VA-45 BOARD

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC 101	1		5		9
IC 102	Refer to schematic diagram.				
IC 103	3		4,7		9
IC 104	3		4,7		9
IC 106	1		2,7		6
IC 107	1		5		9
IC 108	1		2,7		6
IC 109	3		4,7		9
IC 110	1		5		9
IC 111	9		3		5
IC 112	7				4
IC 113			3,12	2,13	
			19,21	18,26	
			23,25	28	
IC 201	1		5		9
IC 202	Refer to schematic diagram.				
IC 203	3		4,7		9
IC 204	3		4,7		9
IC 206	1		2,7		6
IC 207	1		5		9
IC 208	1		2,7		6
IC 209	3		4,7		9
IC 210	1		5		9
IC 211	9		3		5
IC 212	7				4
IC 213			3,12	2,13	
			19,21	18,26	
			23,25	28	
IC 301	1		5		9
IC 302	Refer to schematic diagram.				
IC 303	3		4,7		9
IC 304	3		4,7		9
IC 305	3		4,7		9
IC 306	1		2,7		6
IC 307	1		5		9
IC 308	1		2,7		6
IC 309	3		4,7		9
IC 310	1		5		9
IC 311	9		3		5
IC 312	7				4
IC 313			3,12	2,13	
			19,21	18,26	
			23,25	28	
IC 314	7				4
IC 401	7				4
IC 402	3		4,7		9
IC 403	9		3		5
IC 404	3		4,7		9
IC 405	1		5		9
IC 406	1		5		9
IC 409			17,18	15,26	
			28		

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC 501	7				4
IC 502	3		4,7		9
IC 503	9		3		5
IC 504	3		4,7		9
IC 505	1		5		9
IC 506	1		5		9
IC 509			17,18	15,26	
			28		
IC 601	7				4
IC 602	3		4,7		9
IC 603	9		3		5
IC 604	3		4,7		9
IC 605	1		5		9
IC 606	1		5		9
IC 607	1		2,7		6
IC 608	1		2,7		6
IC 609			17,18	15,26	
			28		
IC 610	2				5
IC 701	7				4
IC 801	Refer to schematic diagram.				
IC 802	Refer to schematic diagram.				
IC 901		20	10		
IC A3		15	6,16	5	
IC A4		20	10		
IC A12		14	7		
IC A13		9	16	8	
IC A14		9	16	8	
IC B2			1,16	8	
IC B3		15	6,16	5	
IC B4		20	10		
IC B5		24	12		
IC B6		24	12		
IC B7		20	10		
IC B8		24	12		
IC B9		20	10		
IC B10		14	7		
IC B11		14	7		
IC B12		14	7		
IC B13		14	7		
IC B14		9	16	8	
IC C4		20	10		
IC C5		24	12		
IC C6		24	12		
IC C7		20	10		
IC C9		81,82	83,84		
		85,86	87,88		
IC C11		14	7		
IC C12		16	8		
IC C13		20	10		
IC C14		9	16	8	
IC D1		9	16	8	

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC D2		15	6,16	5	
IC D3		20	10		
IC D4		20	10		
IC D5		24	12		
IC D6		24	12		
IC D7		20	10		
IC D8		28	14		
IC D11		14	7		
IC D13		9	16	8	
IC D14		9	16	8	
IC E11		14	7		
IC E12		14	7		
IC E13		14	7		
IC E14		9	16	8	
IC F1			1,16	8	
IC F2		9	16	8	
IC F3		15	6	5	
IC F4		20	10		
IC F5		20	10		
IC F6		24	12		
IC F8		81,82	83,84		
		85,86	87,88		
IC F10		14	7		
IC F11		15	8		
IC G1		14	7		
IC G2		14	7		
IC G3		15	6	5	
IC G4		20	10		
IC G5		20	10		
IC G6		24	12		
IC G7		14	7		
IC G8		14	7		
IC G9		14	7		
IC G10		24	12		
IC G11		24	12		
IC G12		16	8		
IC G13		20	10		
IC G14		20	10		
IC H1		14	7		
IC H2		15	6	5	
IC H3		20	10		
IC H4		20	10		
IC H5		20	10		
IC H6		24	12		
IC H7		20	10		
IC H8		16	8		
IC H9		16	8		
IC H10		20	10		
IC H11		20	10		
IC H12		16	8		
IC H13		16	8		
IC H14		14	7		

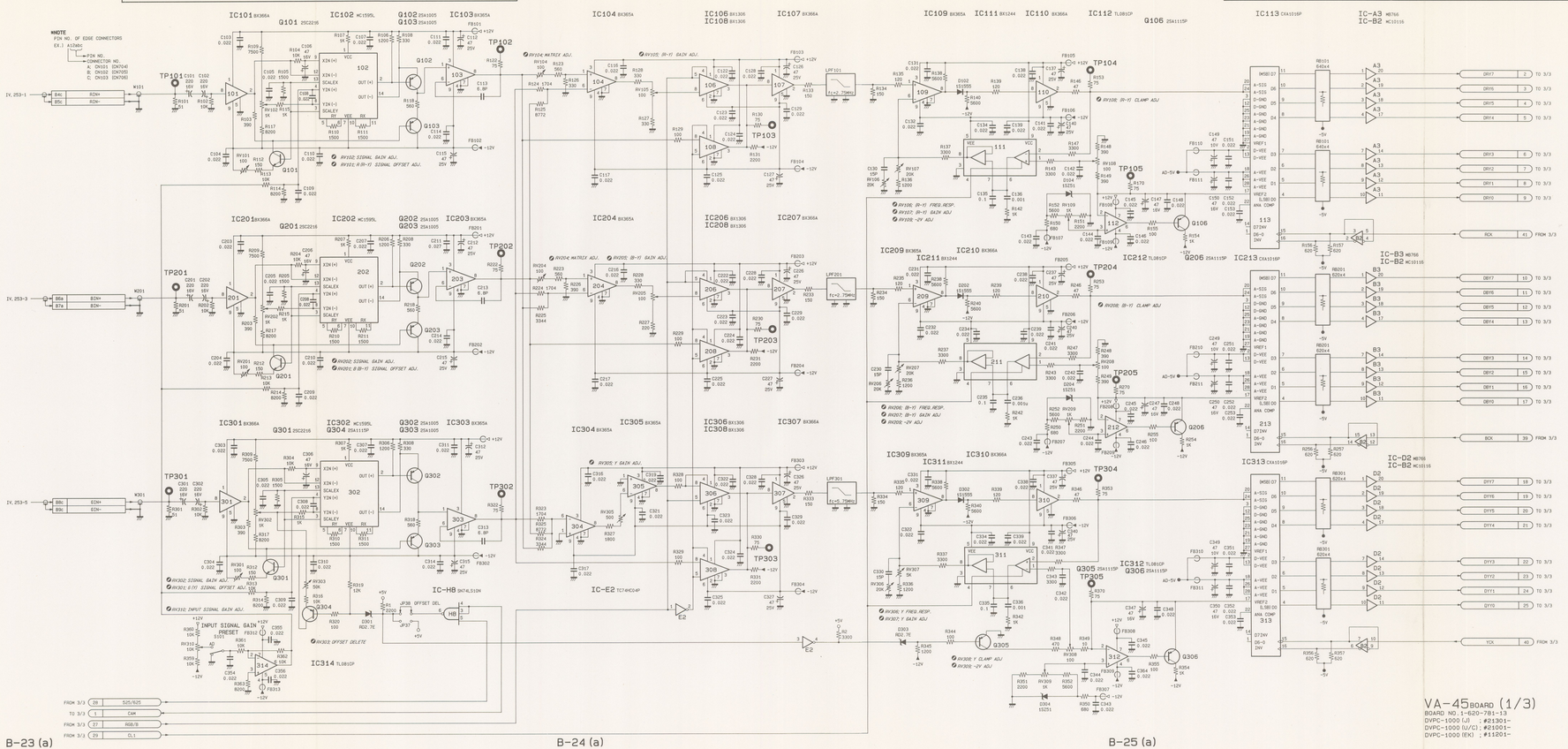
B-22 (a)

VA-45 BOARD (1/3)

Video A/D, D/A Converter

#21301 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

CARD RACK VA-45 (1/3) BOARD VA-45 (1/3) BOARD CARD RACK



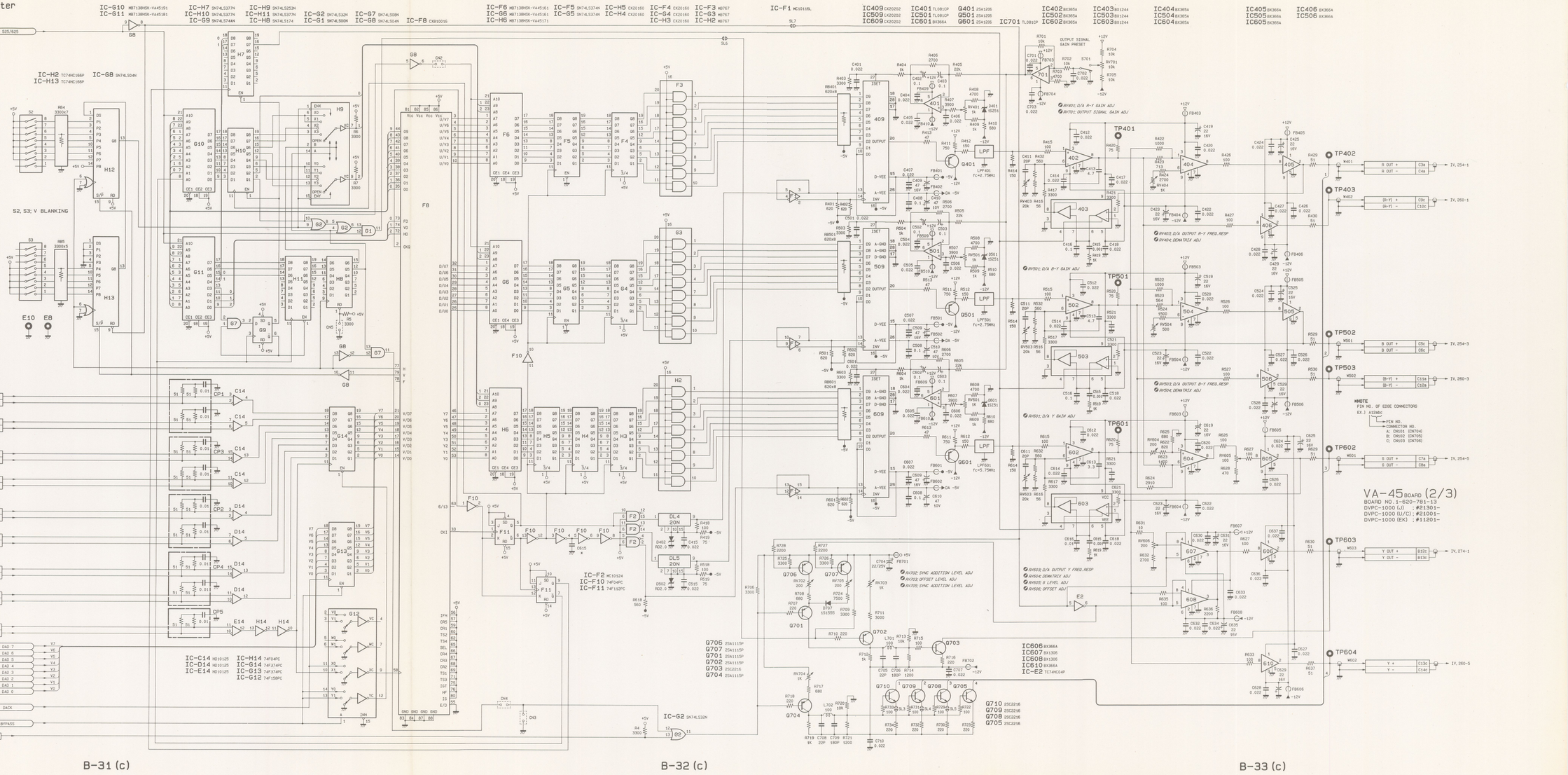
VA-45 (2/3) BOARD CARD RACK

CARD RACK VA-45 (2/3) BOARD

VA-45 BOARD (2/3)

Video A/D, D/A Converter

#21301 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)



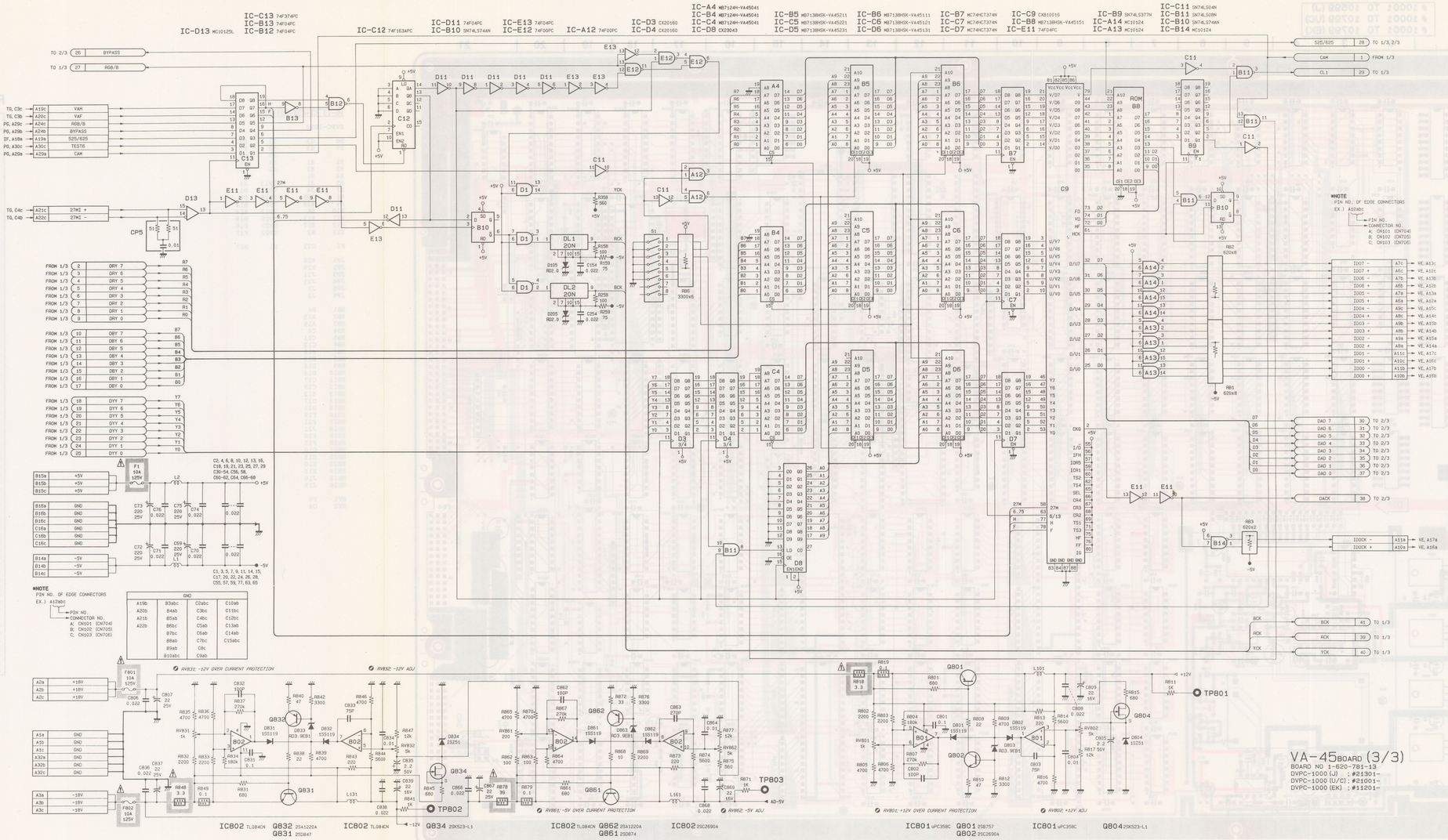
VA-45 (3/3) BOARD CARD RACK

CARD RACK VA-45 (3/3) BOARD

VA-45 BOARD (3/3)

Video A/D, D/A Converter

#21301 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)



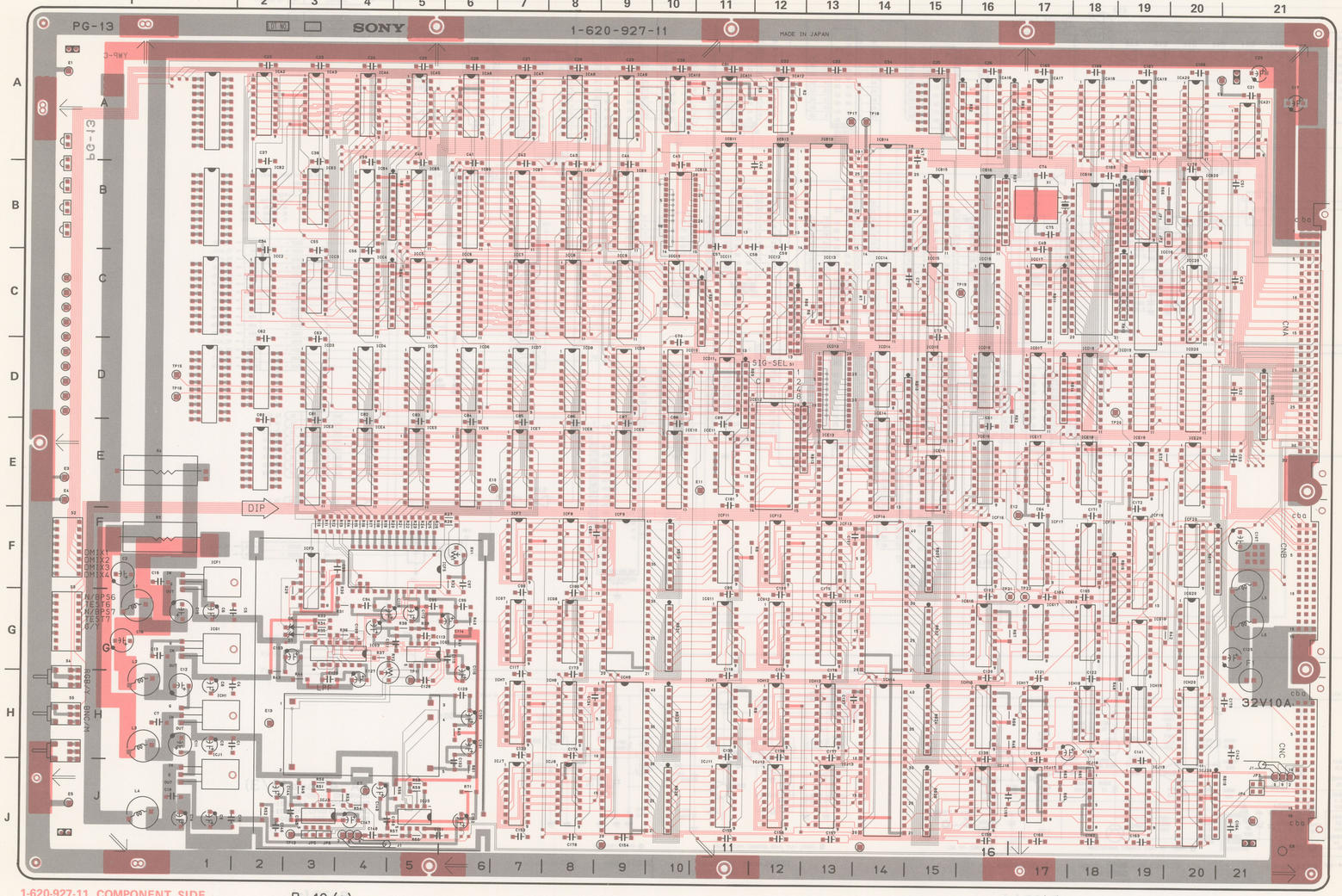
CARD RACK PG-13 BOARD

PG-13 BOARD CARD RACK

PG-13 BOARD (1-620-927-11)

Component Side

10001 TO 10599 (J)
10001 TO 10799 (UC)
10001 TO 10799 (EK)



1-620-927-11 COMPONENT SIDE

B-40 (a)

B-41 (a)

1-620-927-11 SOLDER SIDE

PG-13 (1-620-927-11)

DVPC-1000

D6	G3	S1	D12
D7	G3	S2	F1
		S3	G1
E1	A1	S4	H1
E3	E1	S5	H1
E4	E1		
E5	J1	TP13	J3
E7	J4	TP15	D1
E8	J21	TP16	D1
E9	A20	TP17	A13
E10	E6	TP18	A14
E11	E11	TP20	D19
E12	E17	TP21	F16
E13	H2	TP22	F17
F1	G21	X1	B17
JP1	B20		
JP2	B20		
JP3	J21		
JP4	J21		
JP5	J3		
JP6	J3		
RB1	B4		
RB2	A15		
RB3	A16		
RB4	C4		
RB5	C11		
RB6	C12		
RB7	B16		
RB8	B19		
RB9	D11		
RB10	D14		
RB11	C17		
RB12	C19		
RB13	E12		
RB14	D17		
RB15	D21		
RB16	F19		
RB17	F21		
RB18	J21		
RB19	F10		
RB20	F15		
RB21	G10		
RB22	G15		
RB23	H10		
RB24	H15		
RB25	J10		
RB26	J15		
RV1	F6		
RV2	G4		

PG-13 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A2	16	8
IC A3	16	8
IC A4	16	8
IC A5	16	8
IC A6	16	8
IC A7	16	8
IC A8	16	8
IC A9	16	8
IC A10	14	7
IC A11	14	7
IC A12	14	7
IC A16	20	10
IC A17	20	10
IC A18	20	10
IC A19	20	10
IC A20	20	10
IC A21	14	7
IC B2	14	7
IC B3	14	7
IC B4	20	10
IC B5	20	10
IC B6	20	10
IC B7	20	10
IC B8	20	10
IC B9	20	10
IC B10	1,28	14
IC B11	24	12
IC B12	24	12
IC B13	21	7
IC B14	21	7
IC B15	20	10
IC B16	20	10
IC B18	26,40	20
IC B19	16	8
IC B20	20	10
IC C2	14	7
IC C3	14	7
IC C4	20	10
IC C5	20	10
IC C6	20	10
IC C7	20	10
IC C8	20	10
IC C9	20	10
IC C10	14	7
IC C11	24	12
IC C12	24	12
IC C13	16	8
IC C14	20	10
IC C15	16	8
IC C16	16	8
IC C17	20	10
IC C19	24	12
IC C20	20	10
IC D2	14	7
IC D3	16	8
IC D4	16	8
IC D5	16	8
IC D6	16	8
IC D7	16	8
IC D8	16	8
IC D9	16	8
IC D10	16	8
IC D11	14	7
IC D13	28	14
IC D14	14	7
IC D15	24	12
IC D16	14	7
IC D17	20	10
IC D18	20	10
IC D19	20	10
IC D20	20	10
IC E3	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC E4	20	10
IC E5	20	10
IC E6	20	10
IC E7	20	10
IC E8	20	10
IC E9	20	10
IC E10	20	10
IC E11	16	8
IC E12	28	14
IC E13	20	10
IC E14	24	12
IC E15	14	7
IC E16	16	8
IC E17	16	8
IC E18	16	8
IC E19	14	7
IC E20	16	8
IC F1	Refer to schematic diagram.	
IC F3	14	7
IC F5	Refer to schematic diagram.	
IC F7	16	8
IC F8	16	8
IC F9	1	21
IC F11	16	8
IC F12	16	8
IC F13	16	8
IC F14	1	21
IC F16	16	8
IC F17	16	8
IC F18	16	8
IC F19	24	12
IC F20	16	8
IC G1	Refer to schematic diagram.	
IC G3	Refer to schematic diagram.	
IC G5	Refer to schematic diagram.	
IC G7	16	8
IC G8	16	8
IC G11	16	8
IC G12	16	8
IC G13	16	8
IC G16	16	8
IC G17	14	7
IC G18	14	7
IC G19	14	7
IC G20	20	10
IC H1	Refer to schematic diagram.	
IC H7	16	8
IC H8	16	8
IC H9	1	21
IC H11	16	8
IC H12	16	8
IC H13	16	8
IC H14	1	21
IC H16	16	8
IC H17	16	8
IC H18	14	7
IC H19	14	7
IC H20	20	10
IC J1	Refer to schematic diagram.	
IC J3	Refer to schematic diagram.	
IC J5	Refer to schematic diagram.	
IC J7	16	8
IC J8	16	8
IC J11	16	8
IC J12	16	8
IC J13	16	8
IC J16	16	8
IC J17	14	1,7
IC J18	5	8
IC J19	16	8
IC J20	20	10

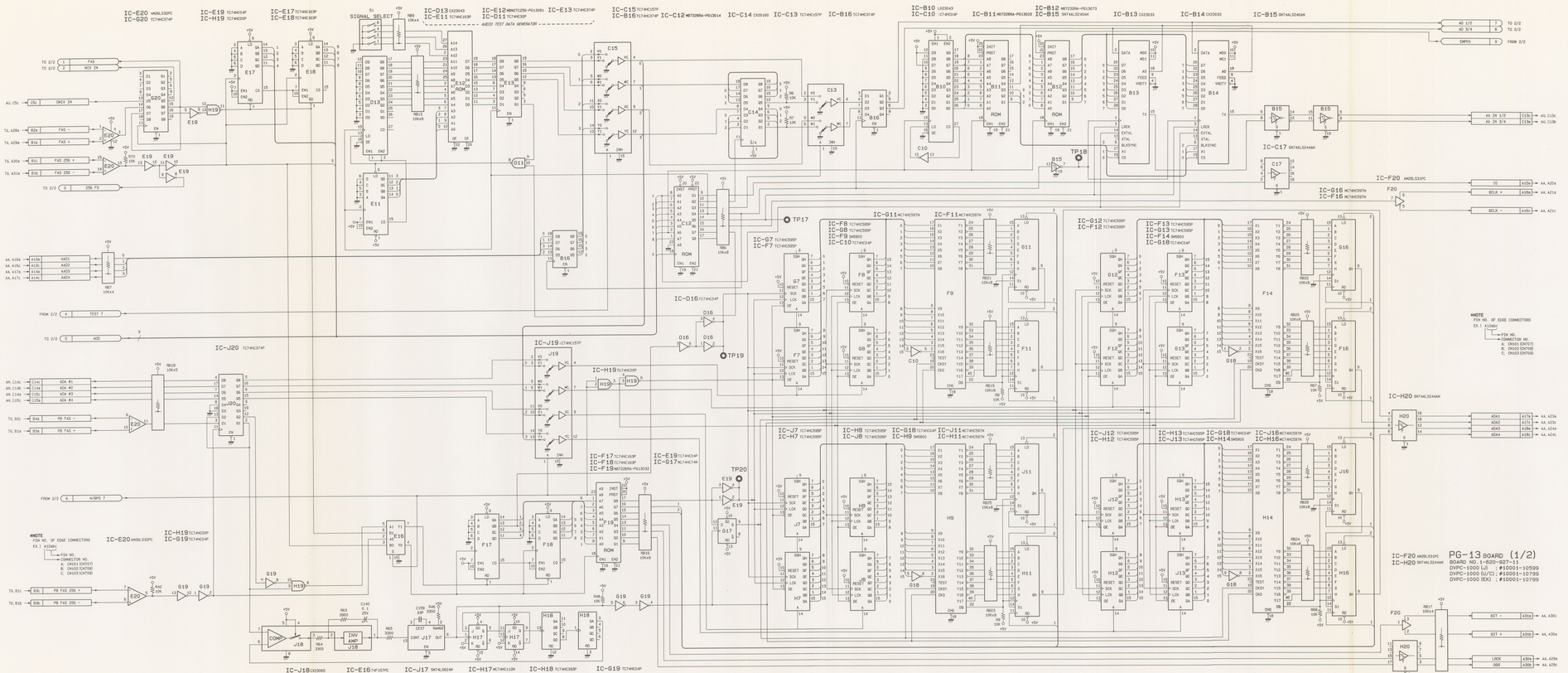
B-42 (a)

CARD RACK PG-13 (1/2) BOARD PG-13 (1/2) BOARD CARD RACK

PG-13 BOARD (1/2)

Pulse Generator

10001 TO 10599 (J)
10001 TO 10799 (UC)
10001 TO 10799 (EK)



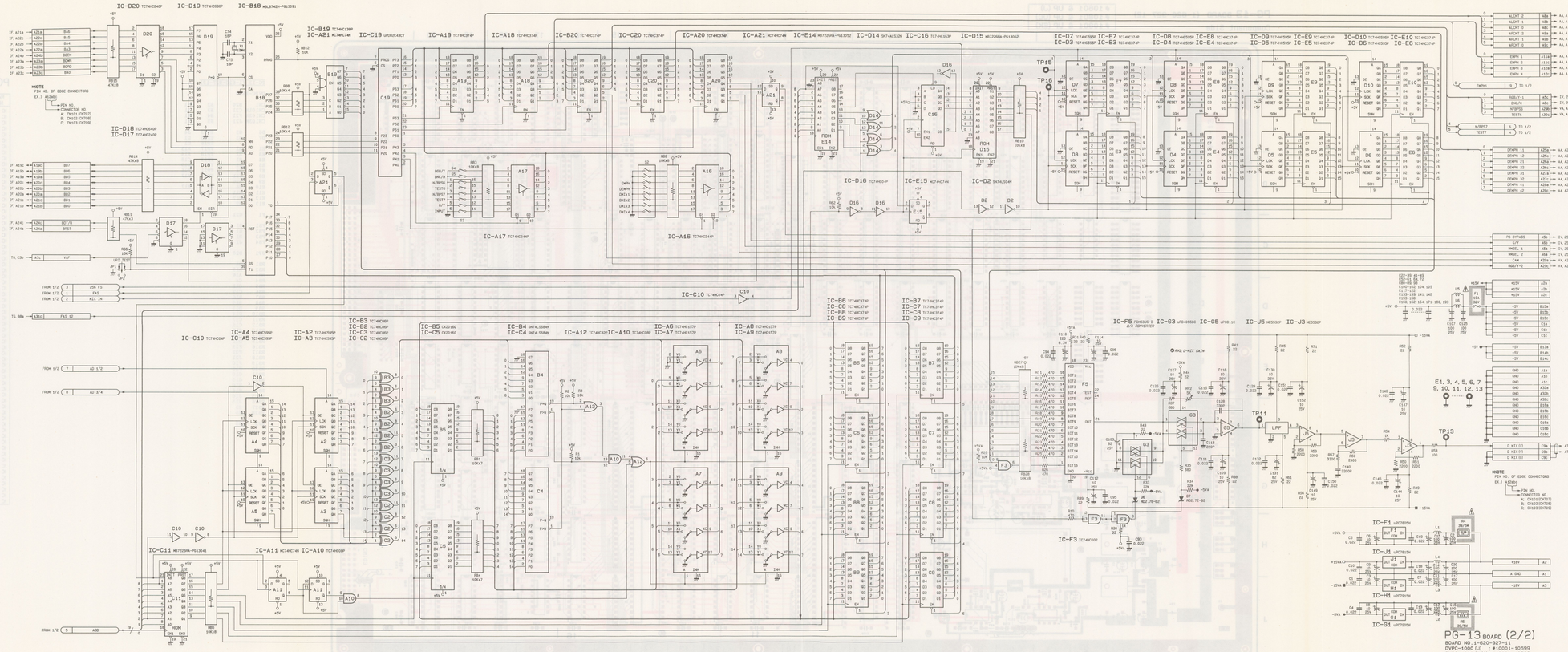
B-43 (a) B-44 (a) B-45 (a) B-46 (a)

CARD RACK PG-13 (2/2) BOARD PG-13 (2/2) BOARD CARD RACK

PG-13 BOARD (2/2)

Pulse Generator

10001 TO 10599 (J)
10001 TO 10799 (UC)
10001 TO 10799 (EK)



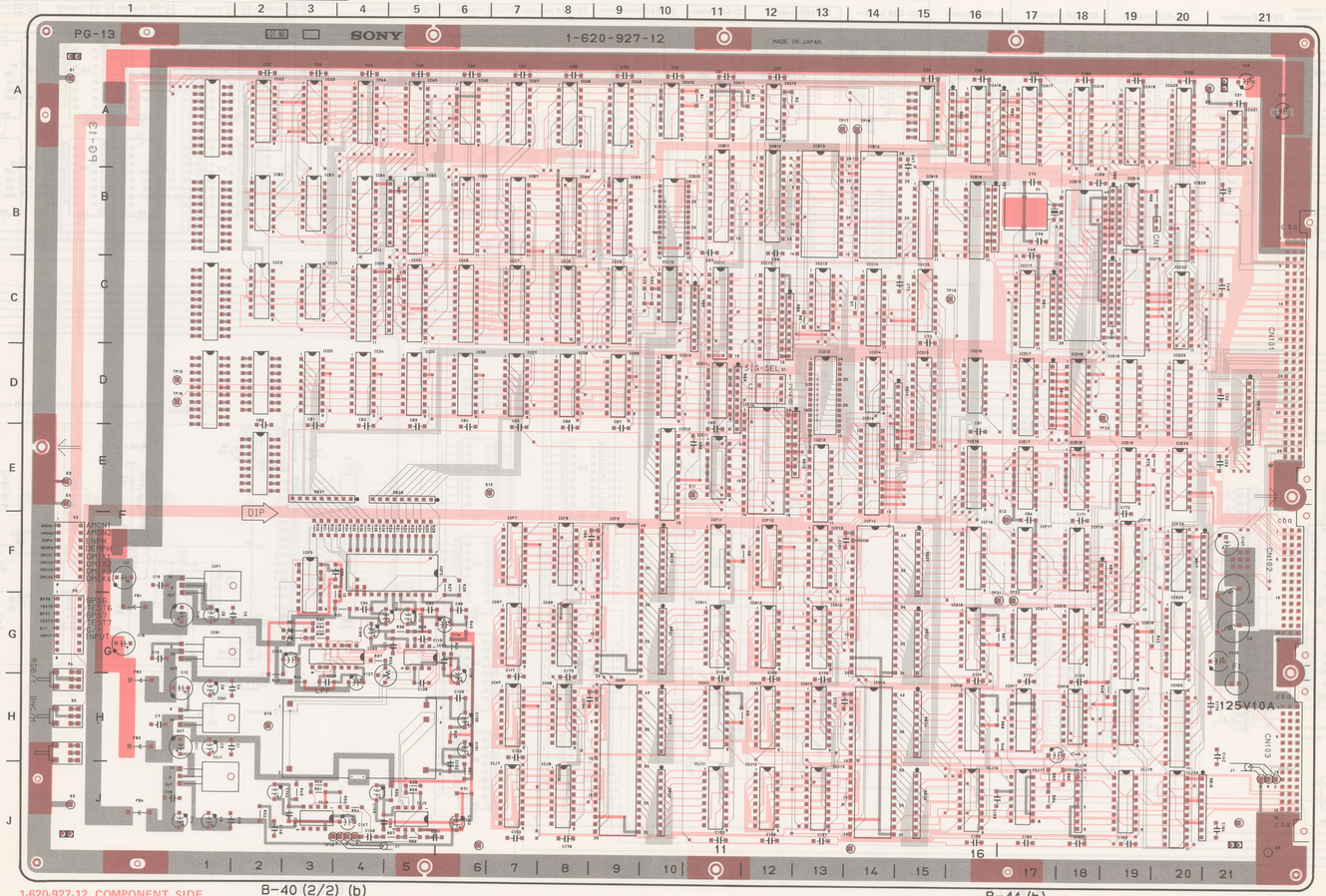
B-51 (a) B-52 (a) B-53 (a) B-54 (a)

CARD RACK PG-13 BOARD PG-13 BOARD CARD RACK

PG-13 BOARD (1-620-927-12)

Component Side

10601 & UP (J)
10801 & UP (UC)
10801 & UP (EK)

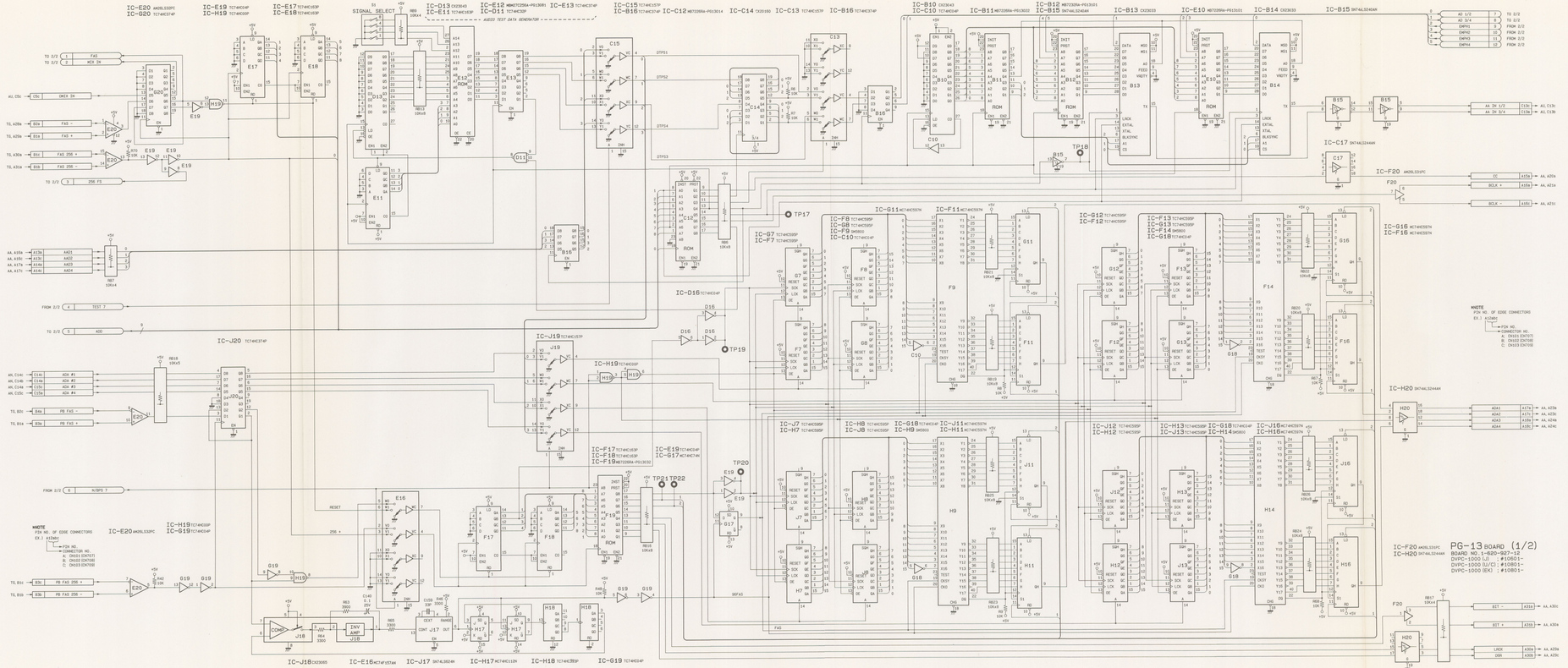


CARD RACK PG-13 (1/2) BOARD PG-13 (1/2) BOARD CARD RACK

PG-13 BOARD (1/2)

Pulse Generator

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

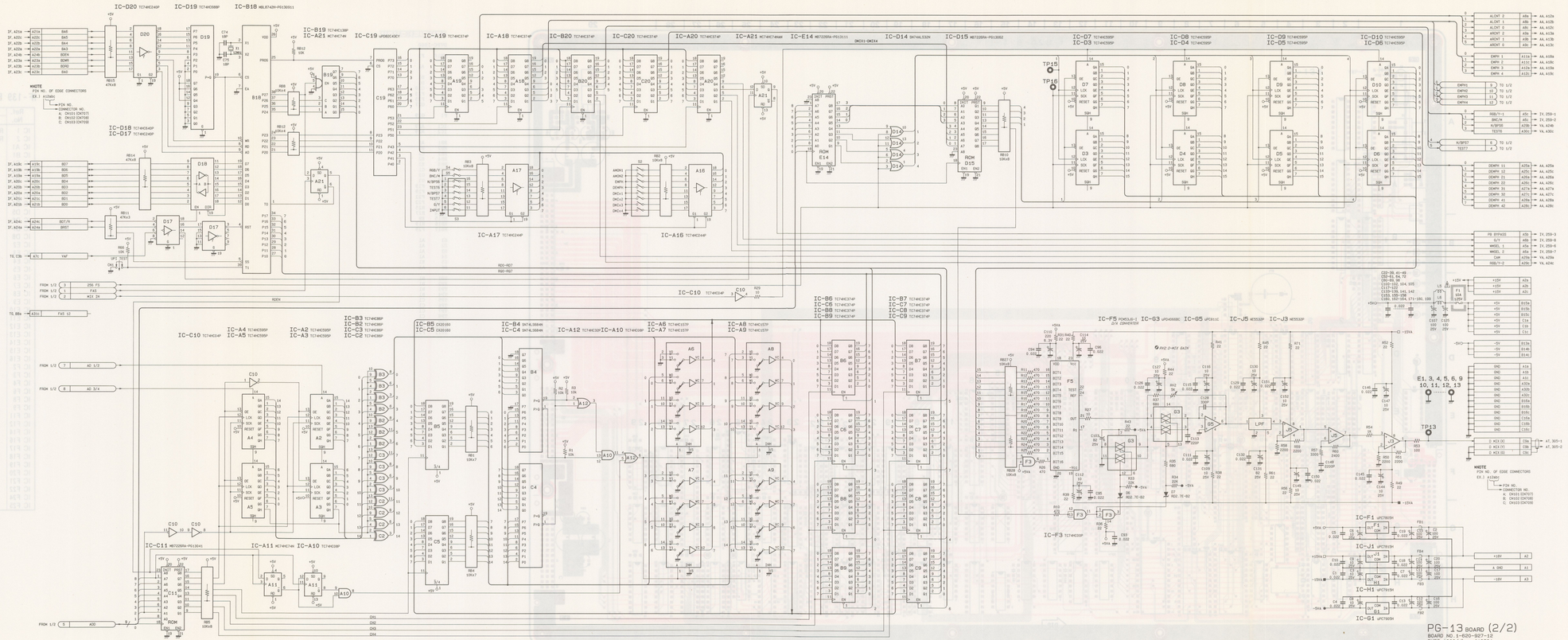


CARD RACK PG-13 (2/2) BOARD PG-13 (2/2) BOARD CARD RACK

PG-13 BOARD (2/2)

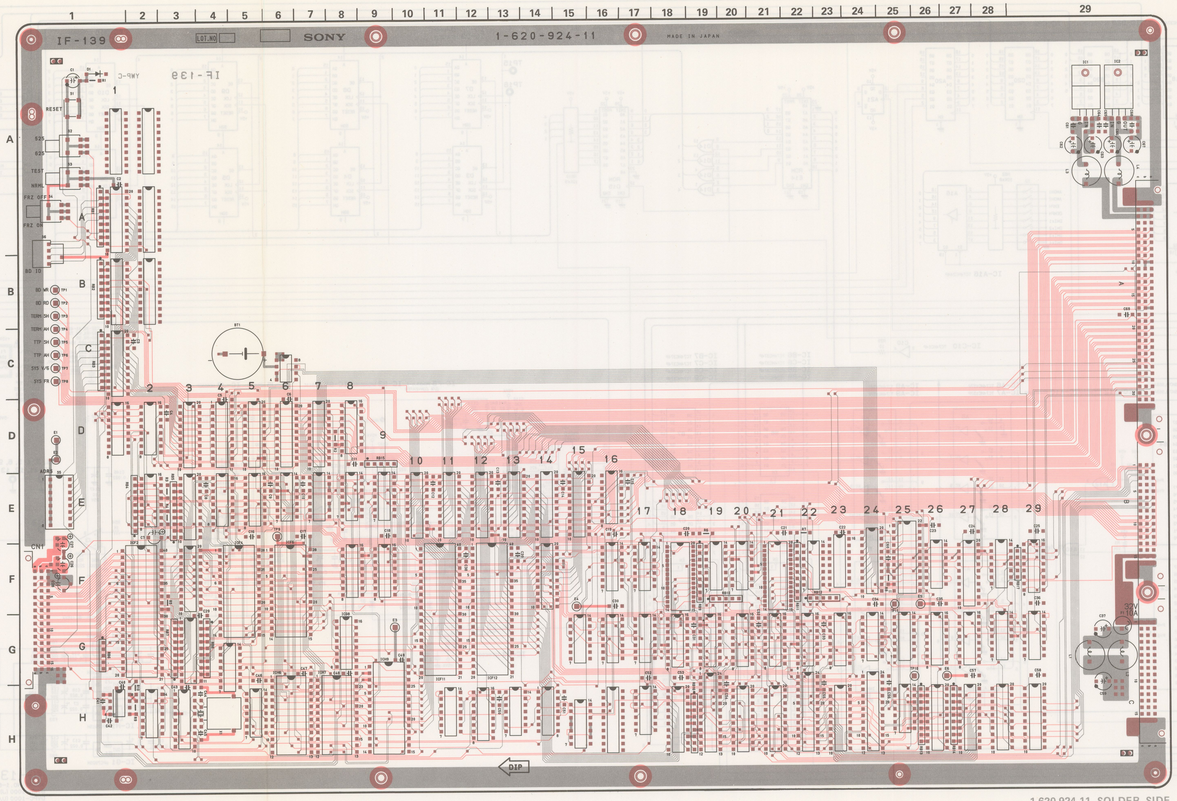
Pulse Generator

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)



IF-139 BOARD (1-620-924-11)

Component Side



1-620-924-11 COMPONENT SIDE

1-620-924-11 SOLDER SIDE

CARD RACK IF-139 BOARD IF-139 BOARD CARD RACK

IF-139 (1-620-924-11)

DVPC-1000

CN1F	F1
D1	A1
E1	D1
E2	D1
E3	G10
E4	F15
E5	F25
E6	G27
F1	G29
IC1	A29
IC2	A29
RB1	A1
RB2	B1
RB3	C1
RB4	E2
RB5	E3
RB6	G1
RB7	G2
RB8	G3
RB9	F19
RB10	F19
RB11	F22
RB12	F22
RB13	B25
RB14	B27
RB15	E9
RB16	B19
RB17	F29
S1	A1
S2	A1
S3	A1
S4	A1
S5	A1
S6	A1
TP1	B1
TP2	B1
TP3	B1
TP4	B1
TP5	C1
TP6	C1
TP7	C1
TP8	C1
TP9	E6
TP10	G25
TP11	F25

IF-139 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC 1	Refer to schematic diagram.	
IC 2	Refer to schematic diagram.	
IC A1	20	10
IC B1	20	10
IC C1	20	10
IC C6	8	4
IC D1	16	8
IC D2	16	8
IC D3	20	10
IC D4	20	10
IC D5	20	10
IC D6	20	10
IC D7	20	10
IC D8	16	8
IC E2	16	8
IC E3	20	10
IC E4	16	8
IC E5	16	8
IC E6	14	7
IC E7	14	7
IC E8	14	7
IC E9	14	7
IC E10	20	10
IC E11	20	10
IC E12	20	10
IC E13	20	10
IC E14	20	10
IC E15	20	10
IC E16	16	8
IC F2	40	1,20
IC F3	20	10
IC F4	1,28	14
IC F6	28	14
IC F8	16	8
IC F9	16	8
IC F11	40	20
IC F12	40	20
IC F14	20	10
IC F16	14	7
IC F17	14	7
IC F18	28	14
IC F19	14	7
IC F20	7	7
IC F21	28	14
IC F22	14	7
IC F24	20	10
IC F25	22	11

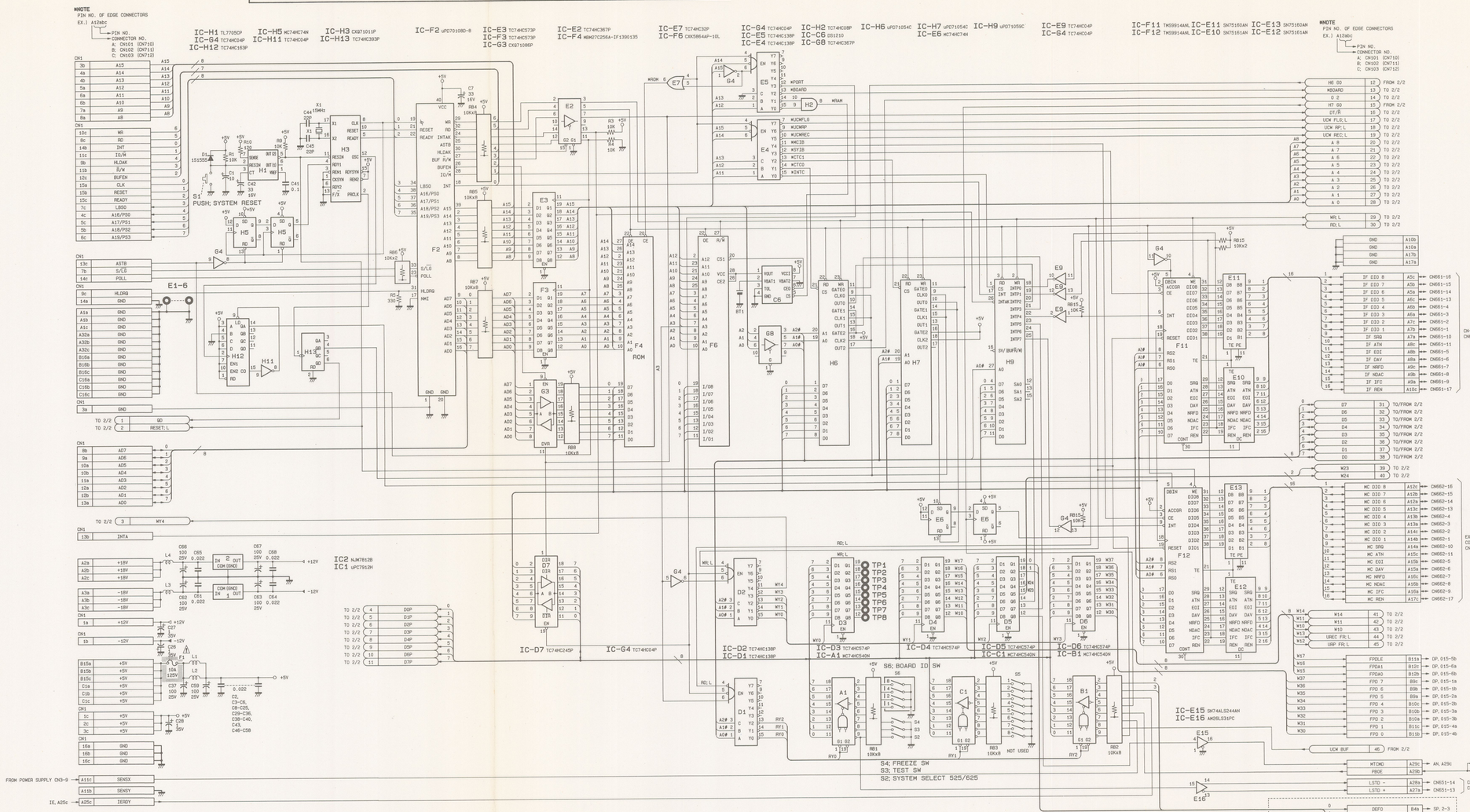
Ref. No.	Pin No. +5V	Pin No. GND
IC F26	14	7
IC F27	20	10
IC F28	14	7
IC F29	16	8
IC G3	20	10
IC G4	14	7
IC G8	16	8
IC G15	14	7
IC G16	14	7
IC G17	14	7
IC G18	16	8
IC G19	16	8
IC G20	16	8
IC G21	16	8
IC G22	16	8
IC G23	16	8
IC G24	14	7
IC G25	14	7
IC G26	16	8
IC G27	16	8
IC G28	14	7
IC G29	14	7
IC H1	8	4
IC H2	14	7
IC H3	18	9
IC H5	14	7
IC H6	24	12
IC H7	24	12
IC H9	28	14
IC H11	14	7
IC H12	16	8
IC H13	14	7
IC H14	14	7
IC H15	14	7
IC H17	14	7
IC H18	20	10
IC H19	24	12
IC H20	20	10
IC H21	20	10
IC H22	24	12
IC H23	20	10
IC H24	24	12
IC H25	14	7
IC H26	20	10
IC H27	20	10
IC H28	20	10
IC H29	20	10

IF-139 (1/2) BOARD CARD RACK

CARD RACK IF-139 (1/2) BOARD

IF-139 BOARD (1/2)

TTP Interface

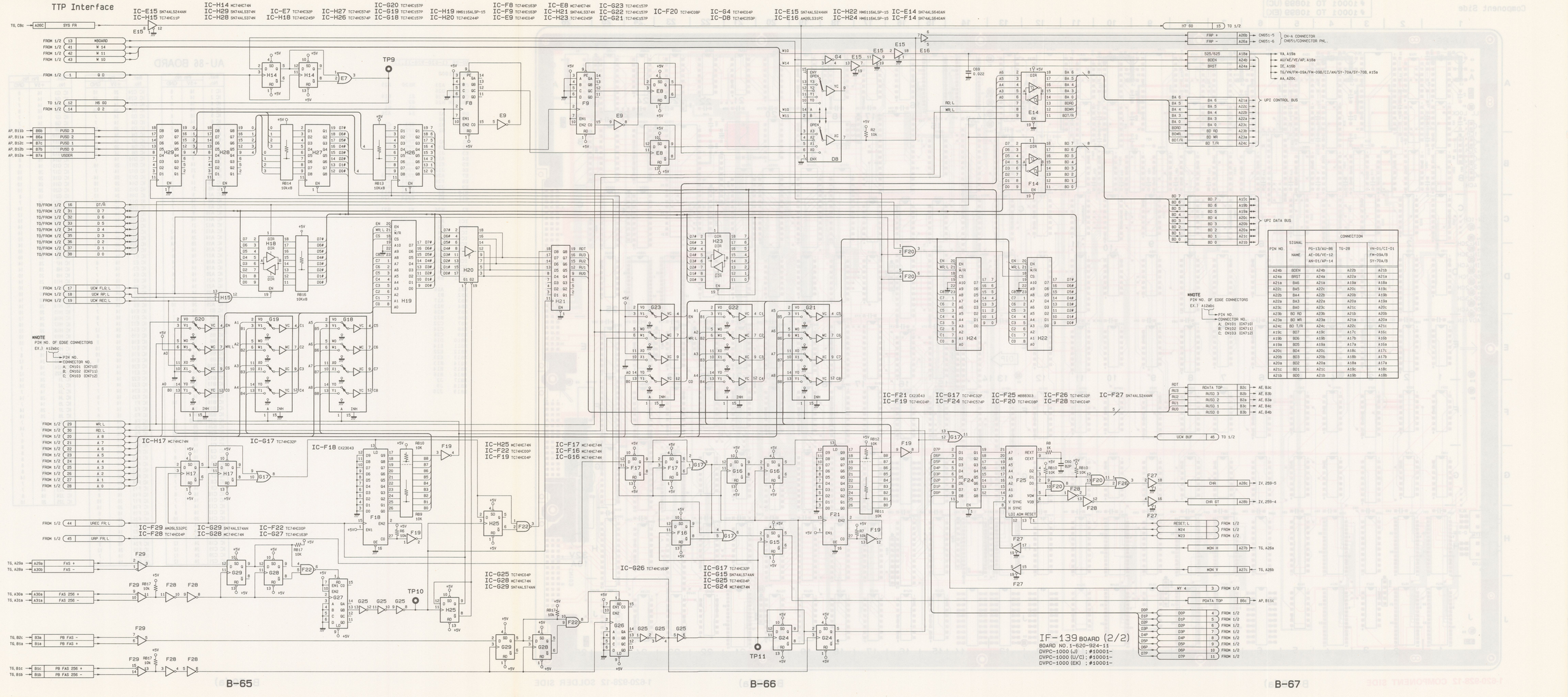


IF-139 BOARD (1/2)
BOARD NO. 1-620-924-11
DVPC-1000 (J) : #10001-
DVPC-1000 (U/O) : #10001-
DVPC-1000 (EK) : #10001-

IF-139 (2/2) BOARD CARD RACK
CARD RACK IF-139 (2/2) BOARD

IF-139 BOARD (2/2)

TTP Interface



PIN NO.	SIGNAL NAME	CONNECTION PG-13/AU-86 AE-06/VE-12 AN-01/AP-14	CONNECTION TG-28	CONNECTION VN-01/CI-01 FN-09A/B SY-70A/B
A24b	BDEN	A24b	A22b	A21b
A24a	BRST	A24a	A22a	A21a
A21a	BA6	A21a	A19a	A18a
A22c	BA5	A22c	A20c	A19c
A22b	BA4	A22b	A20b	A19b
A22a	BA3	A22a	A20a	A19a
A23c	BA0	A23c	A21c	A20c
A23b	BD RD	A23b	A21b	A20b
A23a	BD WR	A23a	A21a	A20a
A24c	BD T/R	A24c	A22c	A21c
A19c	BD7	A19c	A17c	A16c
A19b	BD6	A19b	A17b	A16b
A19a	BD5	A19a	A17a	A16a
A20c	BD4	A20c	A18c	A17c
A20b	BD3	A20b	A18b	A17b
A20a	BD2	A20a	A18a	A17a
A21c	BD1	A21c	A19c	A18c
A21b	BD0	A21b	A19b	A18b

IF-139 BOARD (2/2)
BOARD NO.1-620-924-11
DVPC-1000 (J) ; #10001~
DVPC-1000 (U/C) ; #10001~
DVPC-1000 (EK) ; #10001~

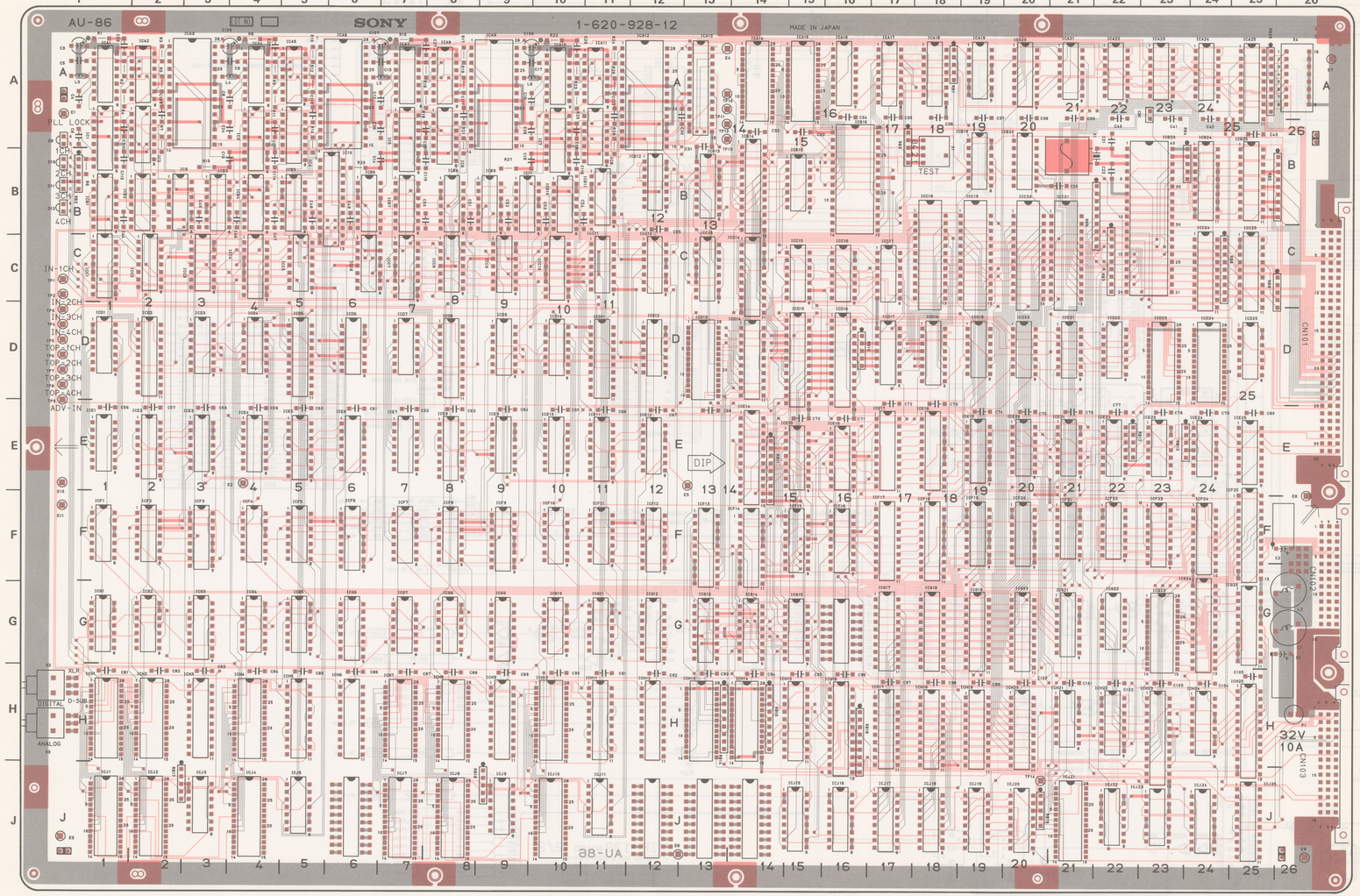
CARD RACK AU-86 BOARD

AU-86 BOARD CARD RACK

AU-86 BOARD (1-620-928-12)

Component Side

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



1-620-928-12 COMPONENT SIDE

B-68 (a)

B-69 (a)

1-620-928-12 SOLDER SIDE

AU-86 (1-620-928-11,12)

DVPC-1000

CN1	A23	RB20	A25
CN101M	D26		
CN102M	F26	S1	B18
CN103M	H26	S2	H1
		S3	H1
D9	A1	S4	A26
D10	B1		
D11	B1	TP1	C1
D12	B1	TP2	C1
		TP3	D1
E1	A1	TP4	D1
E2	E4	TP5	D1
E3	J1	TP6	D1
E4	A13	TP7	D1
E5	E13	TP8	D1
E6	J12	TP9	E1
E7	A26	TP10	A13
E8	F26	TP11	A13
E9	J26	TP12	A13
E10	E1	TP13	A13
E11	F1	TP14	J20
F1	H26	X1	B21
IC1	A1		
IC2	A2		
IC3	A4		
IC4	A5		
IC5	A7		
IC6	A8		
IC7	A10		
IC8	A11		
IC9	B2		
IC10	B6		
IC11	B9		
RB1	A18		
RB2	B1		
RB3	A17		
RB4	B23		
RB5	B26		
RB6	B22		
RB7	C22		
RB8	C24		
RB9	C26		
RB10	D16		
RB11	E14		
RB12	E22		
RB13	E23		
RB14	H13		
RB15	H14		
RB16	H16		
RB17	J2		
RB18	J9		
RB19	J20		

AU-86 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC 1	16	8
IC 2	14	7
IC 3	16	8
IC 4	14	7
IC 5	16	8
IC 6	14	7
IC 7	16	8
IC 8	14	7
IC 9	14	7
IC 10	24	12
IC 11	14	7
IC A1	9	1
IC A2	14	7
IC A3	21	7
IC A4	9	1
IC A5	14	7
IC A6	21	7
IC A7	9	1
IC A8	14	7
IC A9	21	7
IC A10	9	1
IC A11	14	7
IC A12	21	7
IC A13	24	12
IC A14	28	14
IC A15	28	14
IC A16	16	8
IC A17	16	8
IC A18	16	8
IC A19	14	7
IC A20	16	8
IC A21	14	7
IC A22	14	7
IC A23	14	7
IC A24	14	7
IC A25	20	10
IC B1	14	7
IC B2	14	7
IC B3	14	7
IC B4	14	7
IC B5	14	7
IC B6	14	7
IC B7	14	7
IC B8	14	7
IC B9	14	7
IC B10	14	7
IC B11	14	7
IC B12	14	7
IC B13	16	8
IC B14	24	12
IC B15	14	7
IC B16	1,28	14
IC B19	14	7
IC B20	14	7
IC B23	26,40	20
IC B24	20	10
IC B25	20	10
IC C1	16	8
IC C2	14	7
IC C3	14	7
IC C4	16	8
IC C5	14	7
IC C6	14	7
IC C7	16	8
IC C8	14	7
IC C9	14	7
IC C10	16	8
IC C11	14	7
IC C12	14	7
IC C13	16	8
IC C14	20	10
IC C15	14	7
IC C16	14	7
IC C17	14	7
IC C18	24	12
IC C19	24	12
IC C20	24	12
IC C21	24	12

Ref. No.	Pin No. +5V	Pin No. GND
IC C24	20	10
IC C25	20	10
IC D1	14	7
IC D2	20	10
IC D3	14	7
IC D4	14	7
IC D5	20	10
IC D6	14	7
IC D7	14	7
IC D8	20	10
IC D9	14	7
IC D10	14	7
IC D11	20	10
IC D12	14	7
IC D13	28	14
IC D14	20	10
IC D15	24	12
IC D16	24	12
IC D17	16	8
IC D18	16	8
IC D19	14	7
IC D20	14	7
IC D21	14	7
IC D22	14	7
IC D23	28	14
IC D24	28	14
IC D25	14	7
IC E1	14	7
IC E2	16	8
IC E3	14	7
IC E4	14	7
IC E5	16	8
IC E6	14	7
IC E7	14	7
IC E8	16	8
IC E9	14	7
IC E10	14	7
IC E11	16	8
IC E12	14	7
IC E14	24	12
IC E15	16	8
IC E16	16	8
IC E17	20	10
IC E18	20	10
IC E19	16	8
IC E20	14	7
IC E21	14	7
IC E22	14	7
IC E23	14	7
IC E24	14	7
IC E25	16	8
IC F1	14	7
IC F2	14	7
IC F3	16	8
IC F4	14	7
IC F5	14	7
IC F6	16	8
IC F7	14	7
IC F8	14	7
IC F9	16	8
IC F10	14	7
IC F11	14	7
IC F12	16	8
IC F13	20	10
IC F14	20	10
IC F15	16	8
IC F16	16	8
IC F17	20	10
IC F18	20	10
IC F19	16	8
IC F20	16	8
IC F21	14	7
IC F22	14	7
IC F23	16	8
IC F24	18	9
IC F25	24	12
IC G1	14	7
IC G2	14	7

Ref. No.	Pin No. +5V	Pin No. GND
IC G3	16	8
IC G4	14	7
IC G5	14	7
IC G6	16	8
IC G7	14	7
IC G8	14	7
IC G9	16	8
IC G10	14	7
IC G11	14	7
IC G12	16	8
IC G13	16	8
IC G14	16	8
IC G15	16	8
IC G17	20	10
IC G18	20	10
IC G19	20	10
IC G20	20	10
IC G21	16	8
IC G22	14	7
IC G23	28	14
IC G24	24	12
IC G25	20	10
IC H1	28	14
IC H2	28	14
IC H3	20	10
IC H4	28	14
IC H5	20	10
IC H6	20	10
IC H7	28	14
IC H8	28	14
IC H9	20	10
IC H10	28	14
IC H11	20	10
IC H12	20	10
IC H13	28	14
IC H14	28	14
IC H15	20	10
IC H16	24	12
IC H17	20	10
IC H18	20	10
IC H19	20	10
IC H20	20	10
IC H21	14	7
IC H22	16	8
IC H23	24	12
IC H24	16	8
IC H25	24	12
IC J1	28	14
IC J2	28	14
IC J3	14	7
IC J4	28	14
IC J5	14	7
IC J7	28	14
IC J8	28	14
IC J9	14	7
IC J10	28	14
IC J11	14	7
IC J15	16	8
IC J16	16	8
IC J17	16	8
IC J18	16	8
IC J19	16	8
IC J20	16	8
IC J21	28	14
IC J22	14	7
IC J23	14	7
IC J24	16	8
IC J25	20	10

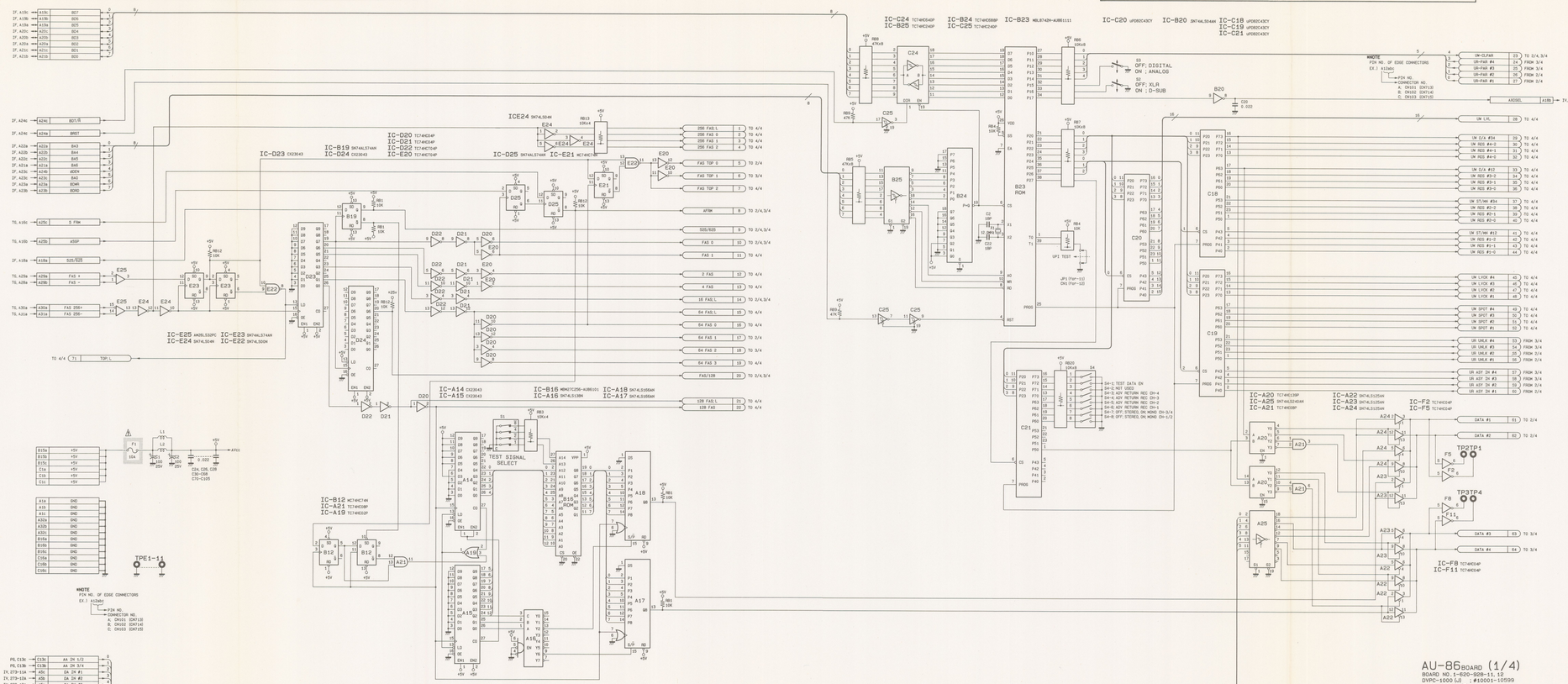
B-70 (a)

CARD RACK AU-86 (1/4) BOARD AU-86 (1/4) BOARD CARD RACK

AU-86 BOARD (1/4)

Audio Input

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

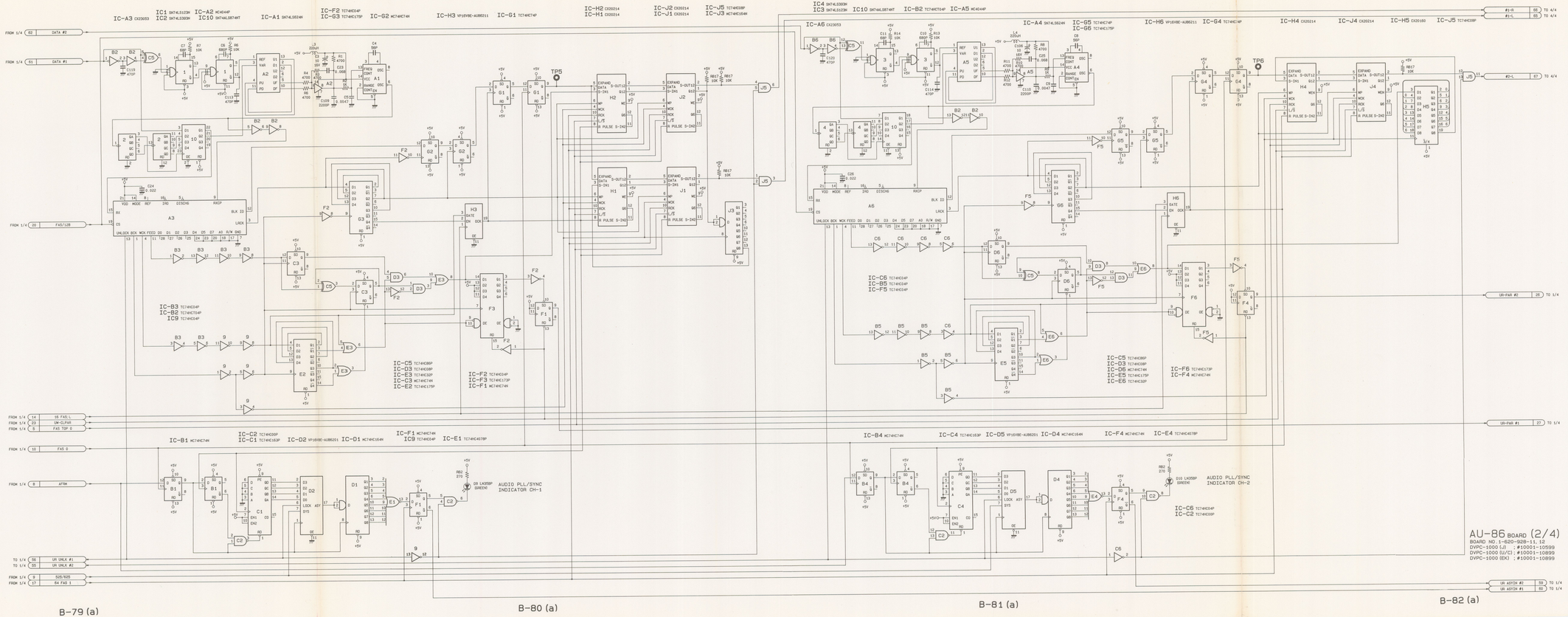

IC-C24 TC74HC540P
IC-C25 TC74HC240P
IC-B24 TC74HC688P
IC-C25 TC74HC240P
IC-B23 MBL8T42N-AUB61111
IC-C20 UPD8243CY
IC-B20 SN74ALS04AN
IC-C18 UPD8243CY
IC-C19 UPD8243CY
IC-C21 UPD8243CY
IC-D20 TC74HC240P
IC-D21 TC74HC540P
IC-D22 TC74HC540P
IC-E20 TC74HC164P
IC-B19 SN74ALS374AN
IC-D24 CX20343
IC-D23 CX20343
ICE24 SN74LS04N
IC-D25 SN74ALS74AN
IC-E21 MC74HC273P
IC-E25 AM26LS32PC
IC-E24 SN74LS04N
IC-E23 SN74ALS74AN
IC-E22 SN74LS00N
IC-A14 CX20343
IC-A15 CX20343
IC-B16 MBM27C256-AUB6101
IC-B16 SN74LS138AN
IC-A18 SN74LS165AN
IC-A17 SN74LS165AN
IC-B12 MC74HC74N
IC-A21 TC74HC08P
IC-A19 TC74HC02P
TEST SIGNAL SELECT
IC-A20 TC74HC139P
IC-A25 SN74ALS240AN
IC-A21 TC74HC08P
IC-A22 SN74LS125AN
IC-A23 SN74LS125AN
IC-A24 SN74LS125AN
IC-F2 TC74HC04P
IC-F5 TC74HC04P
IC-F8 TC74HC04P
IC-F11 TC74HC04P
TPE1-11
TP2TP1
TP3TP4
S3 OFF: DIGITAL ON : ANALOG
S2 OFF: XLR ON : D-SUB
UPI TEST
JP1 (1pr-1-2) CN1 (1pr-1-2)
S4-1: TEST DATA EN
S4-2: NOT USED
S4-3: ADV RETURN REC CH-4
S4-4: ADV RETURN REC CH-3
S4-5: ADV RETURN REC CH-2
S4-6: ADV RETURN REC CH-1
S4-7: OFF: STEREO, ON: MONO CH-3/4
S4-8: OFF: STEREO, ON: MONO CH-1/2
*NOTE
PIN NO. OF EDGE CONNECTORS
EX.) A12bbd
PIN NO.
CONNECTOR NO.
A: CN101 (CN713)
B: CN102 (CN714)
C: CN103 (CN715)
AUDSEL
A19B
TV, 273-15A
UN-CLPWR
UR-PWR #4
UR-PWR #3
UR-PWR #2
UR-PWR #1
UN LVL
UN D/A #34
UN REG #4-2
UN REG #4-1
UN REG #4-0
UN D/A #12
UN REG #3-2
UN REG #3-1
UN REG #3-0
UN ST/MR #34
UN REG #2-2
UN REG #2-1
UN REG #2-0
UN ST/MR #12
UN REG #1-2
UN REG #1-1
UN REG #1-0
UN LVCK #4
UN LVCK #3
UN LVCK #2
UN LVCK #1
UN SPCT #4
UN SPCT #3
UN SPCT #2
UN SPCT #1
UR UMLK #4
UR UMLK #3
UR UMLK #2
UR UMLK #1
UR ADV IN #4
UR ADV IN #3
UR ADV IN #2
UR ADV IN #1
DATA #1
DATA #2
DATA #3
DATA #4
256 FAS L
256 FAS 0
256 FAS 1
256 FAS 2
FAS TSP 0
FAS TSP 1
FAS TSP 2
AFRM
S25/S25
FAS 0
FAS 1
2 FAS
4 FAS
16 FAS L
64 FAS L
64 FAS 0
64 FAS 1
64 FAS 2
64 FAS 3
FAS/128
128 FAS L
128 FAS
TO 2/4,3/4
TO 2/4
TO 3/4
TO 4/4
TO 2/4,3/4
TO 2/4,3/4
FROM 3/4
FROM 2/4
TO 3/4
TO 4/4
TO 2/4,3/4
TO 4/4
TO 2/4,3/4
TO 4/4
TO 3/4
TO 4/4
TO 2/4,3/4
TO 4/4
TO 2/4,3/4
TO 4/4
TO 3/4
TO 4/4
TO 2/4,3/4
TO 4/4
TO 2/4,3/4
TO 4/4
TO 2/4
TO 2/4
TO 3/4
TO 3/4
TO 4/4
TO 4/4
TO 4

CARD RACK AU-86 (2/4) BOARD AU-86 (2/4) BOARD CARD RACK

AU-86 BOARD (2/4)

Audio Input

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



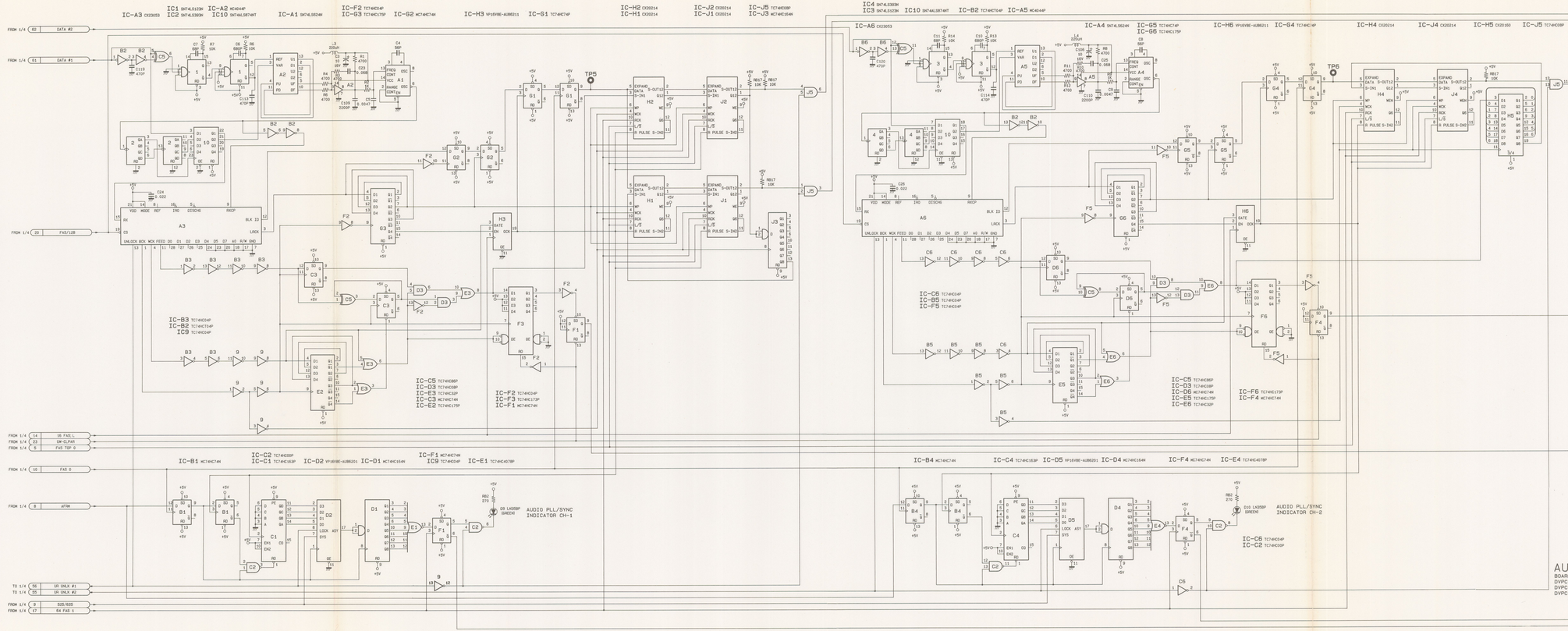
AU-86 BOARD (2/4)
BOARD NO.1-620-928-11.12
DVPC-1000 (J) : #10001-10599
DVPC-1000 (U/C) : #10001-10899
DVPC-1000 (EK) : #10001-10899

CARD RACK AU-86 (2/4) BOARD AU-86 (2/4) BOARD CARD RACK

AU-86 BOARD (2/4)

Audio Input

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



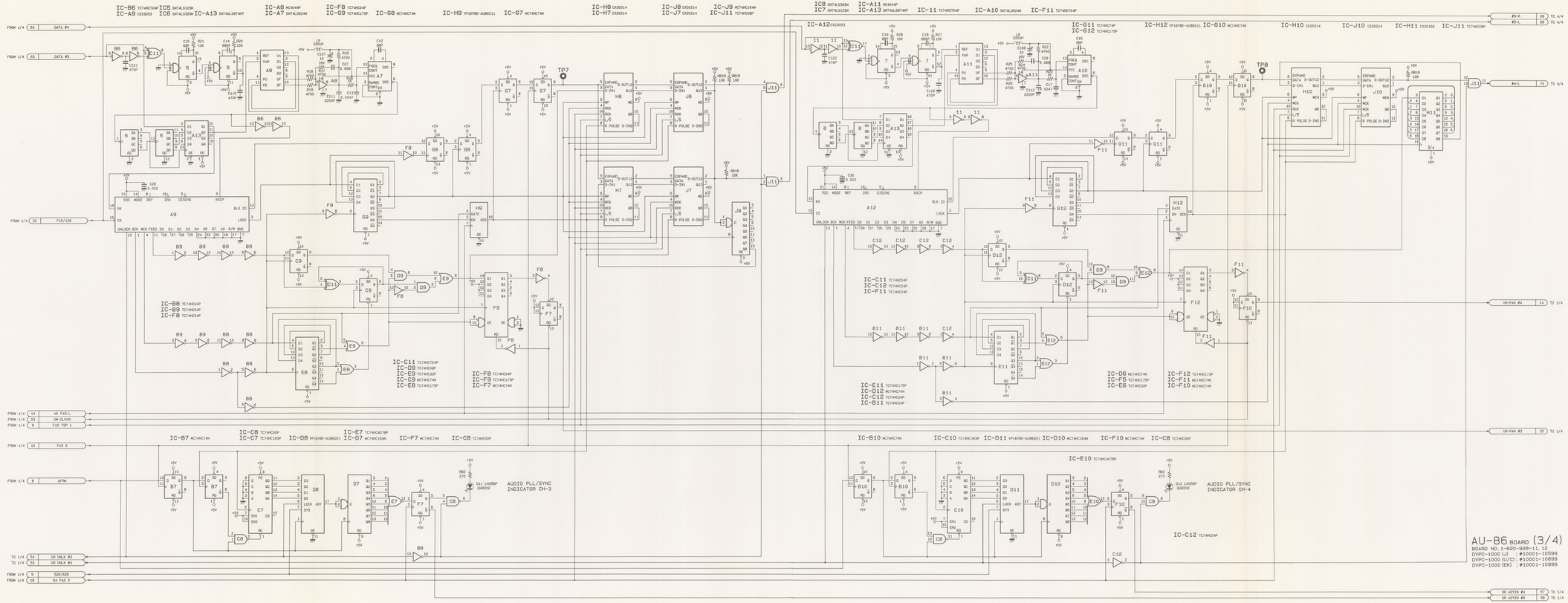
AU-86 BOARD (2/4)
BOARD NO. 1-620-328-11.12
DVPC-1000 (J) : #10001-10599
DVPC-1000 (U/C) : #10001-10899
DVPC-1000 (EK) : #10001-10899

CARD RACK AU-86 (3/4) BOARD AU-86 (3/4) BOARD CARD RACK

AU-86 BOARD (3/4)

Audio Input

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



B-87 (a) B-88 (a) B-89 (a) B-90 (a)

CARD RACK AU-86 (4/4) BOARD AU-86 (4/4) BOARD CARD RACK

AU-86 BOARD (4/4)

Audio Input

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

IC-C16 TC74HC74H IC-C14 μPD4141-35 IC-D15 SN74AL587AHT IC-C16 SN74AL587AHT IC-B14 SN74AL587AHT IC-C13 TC74HC259P IC-F14 μPD4141-35 IC-D13 CX20343 IC-B13 HB7114P-A086551 IC-B14 SN74AL587AHT IC-D15 SN74AL587AHT IC-D16 SN74AL587AHT IC-H14 CX20343 IC-C16 SN74HC74H IC-C15 SN74AL587AHT IC-E15 TC74HC259P IC-F15 TC74HC259P IC-B19 SN74AL574AH IC-F17 TC74HC574P IC-F18 μPD4141-35 IC-F19 TC74HC173P IC-G21 TC74HC139P IC-H20 TC74HC574P IC-G20 TC74HC574P IC-H19 TC74HC574P IC-G19 TC74HC574P IC-H18 TC74HC574P IC-G18 TC74HC574P IC-H17 TC74HC574P IC-G17 TC74HC574P IC-J17 SN74LS384N IC-J18 SN74LS384N IC-J20 TC74HC259P IC-J22 SN74HC74H IC-J19 TC74HC166P IC-J23 TC74HC86P IC-J21 CX20214 IC-J24 TC74HC259P IC-J25 SN74AL587AHT

IC-C19 TC74HC139P
IC-B15 MC74HC125N
IC-C17 TC74HC04P

IC-C17 TC74HC04P
IC-D19 MC74HC125N

IC-D18 TC74HC259P

IC-D17 TC74HC259P

IC-E14 MB7030A-A086051

IC-H15 CX20160

IC-J16 TC74HC173P
IC-H16 MB7200A-A086051

IC-H21 TC74HC259P

IC-J15 TC74HC173P
IC-F20 TC74HC173P
IC-F22 MC74HC164N
IC-F23 TC74HC173P
IC-F24 MB7120A-A086051

IC-E21 TC74HC74P
IC-F21 SN74AL574AH
IC-F22 MC74HC164N
IC-H22 TC74HC173P

IC-H21 TC74HC259P
IC-H24 SN74AL587AHT

IC-G23 CX20343
IC-G24 MB7200A-A086051
IC-G25 μPD4141-35

IC-H25 SN74AL587AHT

IC-F25 SN74AL587AHT
IC-H21 TC74HC259P

NOTE
PIN NO. OF EDGE CONNECTORS
EX.) A120pin
PIN NO.
CONNECTOR NO.
A: CN101 (EKT13)
B: CN102 (EKT14)
C: CN103 (EKT15)

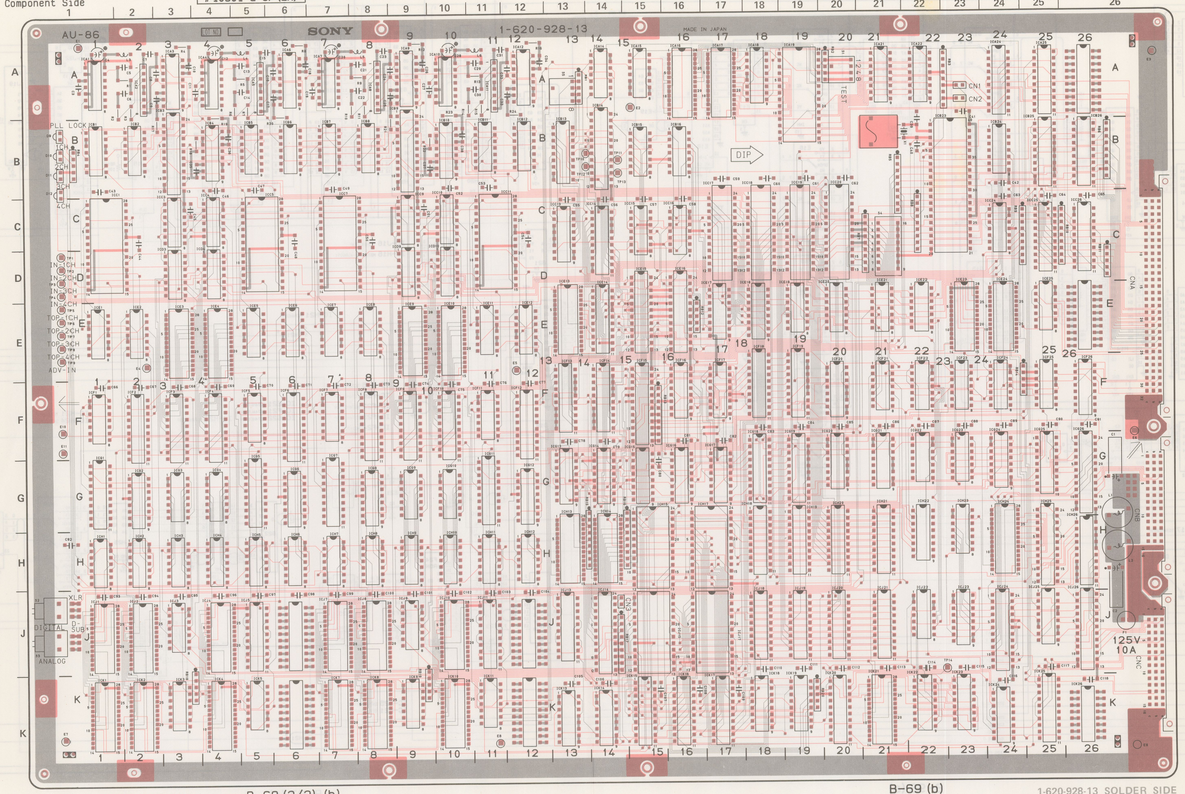
AU-86 BOARD (4/4)
BOARD NO. 1-680-928-11, 12
DVPC-1000 (J) : #10001-10599
DVPC-1000 (U/C) : #10001-10899
DVPC-1000 (EK) : #10001-10899

B-95 (a) B-96 (a) B-97 (a) B-98 (a)

AU-86 BOARD (1-620-928-13)

Component Side

10601 & UP (J)
10901 & UP (UC)
10901 & UP (EK)



1-620-928-13 COMPONENT SIDE

B-68 (1/2) (b)

B-68 (2/2) (b)

B-69 (b)

1-620-928-13 SOLDER SIDE

AU-86 (1-620-928-13)

DVPC-1000

CN1	A23	TP1	D1
CN2	A23	TP2	D1
CN3	J14	TP3	D1
		TP4	D1
D9	B1	TP5	E1
D10	B1	TP6	E1
D11	B1	TP7	E1
D12	B1	TP8	E1
		TP9	E1
E1	A1	TP10	B13
E2	A15	TP11	B14
E3	A26	TP12	B13
E4	E2	TP13	B14
E5	E12	TP14	K23
E6	F26		
E7	K1	X1	B21
E8	K11		
E9	K26		
E10	F1		
E11	F1		
F1	J26		
RB1	A13		
RB2	A20		
RB3	A22		
RB4	B1		
RB5	B21		
RB6	B26		
RB7	C22		
RB8	C24		
RB9	C24		
RB10	C25		
RB11	D26		
RB12	E16		
RB13	F15		
RB14	F24		
RB15	H13		
RB16	H14		
RB17	J14		
RB18	K3		
RB19	K9		
RB20	K19		
S1	A20		
S2	J1		
S3	J1		
S4	C21		
S5	A13		

AU-86 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A1	9	1
IC A2	5	8
IC A3	16	8
IC A4	9	1
IC A5	5	8
IC A6	16	8
IC A7	9	1
IC A8	5	8
IC A9	16	8
IC A10	9	1
IC A11	5	8
IC A12	16	8
IC A14	14	7
IC A15	14	7
IC A16	28	14
IC A17	28	14
IC A18	16	8
IC A19	1, 28	14
IC A21	16	8
IC A22	16	8
IC A24	20	10
IC A25	20	10
IC B1	14	7
IC B2	14	7
IC B3	24	12
IC B4	16	8
IC B5	14	7
IC B6	14	7
IC B7	14	7
IC B8	14	7
IC B9	24	12
IC B10	16	8
IC B11	14	7
IC B12	14	7
IC B13	16	8
IC B14	24	12
IC B15	14	7
IC B16	14	7
IC B23	26, 40	20
IC B24	14	7
IC B25	20	10
IC B26	20	10
IC C1	21	7
IC C3	14	7
IC C4	14	7
IC C5	21	7
IC C7	21	7
IC C9	14	7
IC C10	14	7
IC C11	21	7
IC C13	16	8
IC C14	20	10
IC C15	14	7
IC C16	14	7
IC C17	24	12
IC C18	24	12
IC C19	24	12
IC C20	24	12
IC C24	14	7
IC C25	20	10
IC C26	20	10
IC D3	14	7
IC D4	14	7
IC D9	14	7
IC D10	14	7
IC E1	14	7
IC E2	14	7
IC E3	28	14
IC E4	28	14
IC E5	14	7
IC E6	14	7
IC E7	14	7
IC E8	14	7
IC E9	28	14
IC E10	28	14
IC E11	14	7
IC E12	14	7
IC E13	28	14

Ref. No.	Pin No. +5V	Pin No. GND
IC E14	20	10
IC E15	24	12
IC E16	24	12
IC E17	16	8
IC E18	16	8
IC E19	16	8
IC E20	14	7
IC E21	14	7
IC E22	14	7
IC E23	28	14
IC E24	28	14
IC E25	14	7
IC F1	14	7
IC F2	20	10
IC F3	20	10
IC F4	20	10
IC F5	14	7
IC F6	20	10
IC F7	14	7
IC F8	20	10
IC F9	20	10
IC F10	20	10
IC F11	14	7
IC F12	20	10
IC F13	20	10
IC F14	20	10
IC F15	24	12
IC F16	16	8
IC F17	16	8
IC F18	20	10
IC F19	20	10
IC F20	16	8
IC F21	14	7
IC F22	14	7
IC F23	14	7
IC F24	14	7
IC F25	14	7
IC F26	16	8
IC G1	20	10
IC G2	16	8
IC G3	14	7
IC G4	14	7
IC G5	20	10
IC G6	16	8
IC G7	20	10
IC G8	16	8
IC G9	14	7
IC G10	14	7
IC G11	20	10
IC G12	16	8
IC G13	16	8
IC G14	16	8
IC G15	16	8
IC G16	16	8
IC G17	16	8
IC G18	20	10
IC G19	20	10
IC G20	16	8
IC G21	16	8
IC G22	14	7
IC G23	14	7
IC G24	16	8
IC G25	18	9
IC G26	24	12
IC H1	14	7
IC H2	14	7
IC H3	14	7
IC H4	14	7
IC H5	14	7
IC H6	14	7
IC H7	14	7
IC H8	14	7
IC H9	14	7
IC H10	14	7
IC H11	14	7
IC H12	28	14
IC H13	28	14
IC H14	28	14

Ref. No.	Pin No. +5V	Pin No. GND
IC H15	24	12
IC H16	24	12
IC H17	24	12
IC H18	20	10
IC H19	20	10
IC H20	20	10
IC H21	20	10
IC H22	16	8
IC H23	14	7
IC H24	28	14
IC H25	24	12
IC H26	20	10
IC J1	28	14
IC J2	28	14
IC J3	14	7
IC J4	28	14
IC J5	20	10
IC J7	28	14
IC J8	28	14
IC J9	14	7
IC J10	28	14
IC J11	20	10
IC J13	20	10
IC J15	24	12
IC J17	24	12
IC J18	20	10
IC J19	20	10
IC J20	20	10
IC J21	20	10
IC J22	14	7
IC J23	16	8
IC J24	24	12
IC J25	16	8
IC J26	24	12
IC K1	28	14
IC K2	28	14
IC K3	14	7
IC K4	28	14
IC K5	14	7
IC K7	28	14
IC K8	28	14
IC K9	14	7
IC K10	28	14
IC K11	14	7
IC K13	16	8
IC K14	16	8
IC K15	20	10
IC K16	20	10
IC K17	20	10
IC K18	16	8
IC K19	16	8
IC K21	28	14
IC K22	16	8
IC K23	16	8
IC K24	16	8
IC K25	20	10

B-70 (b)

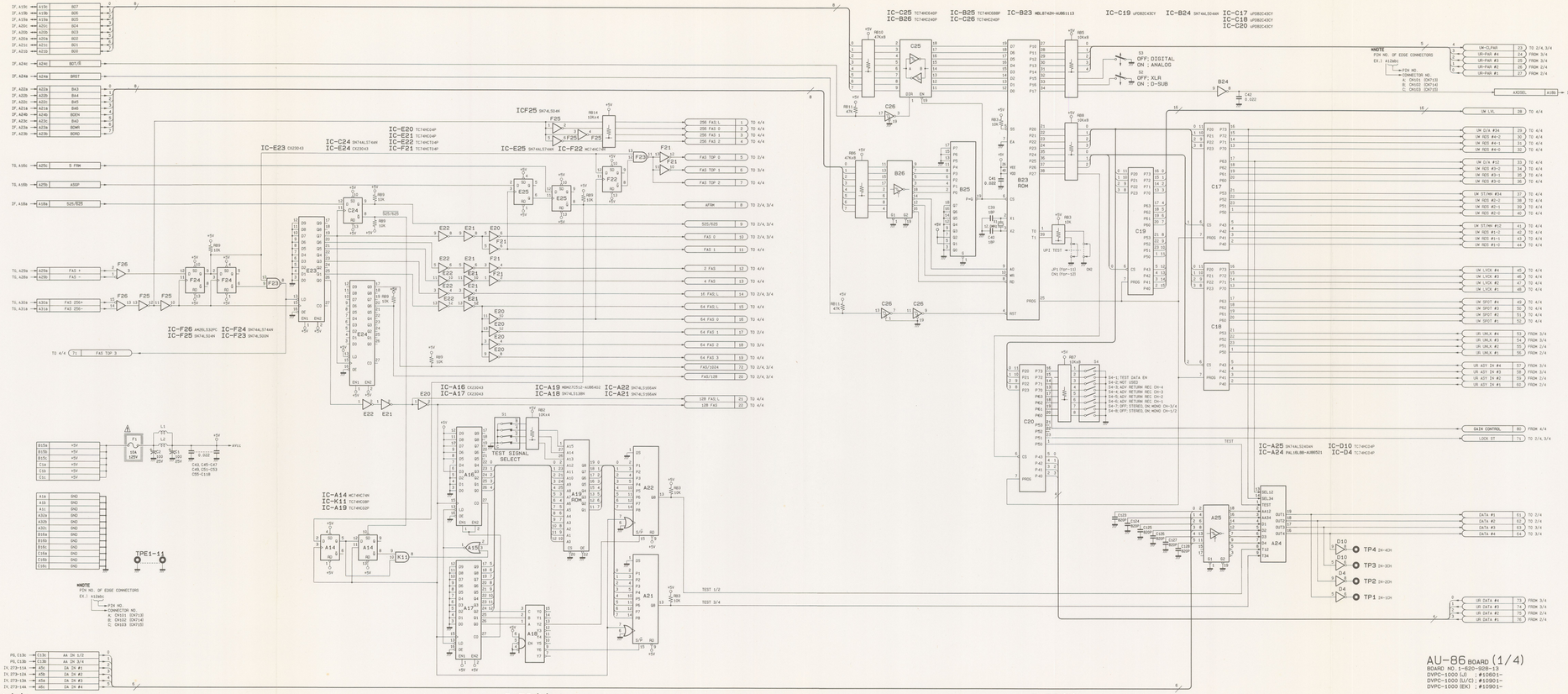
CARD RACK AU-86 BOARD AU-86 BOARD CARD RACK

CARD RACK AU-86 (1/4) BOARD AU-86 (1/4) BOARD CARD RACK

AU-86 BOARD (1/4)

Audio Input

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)



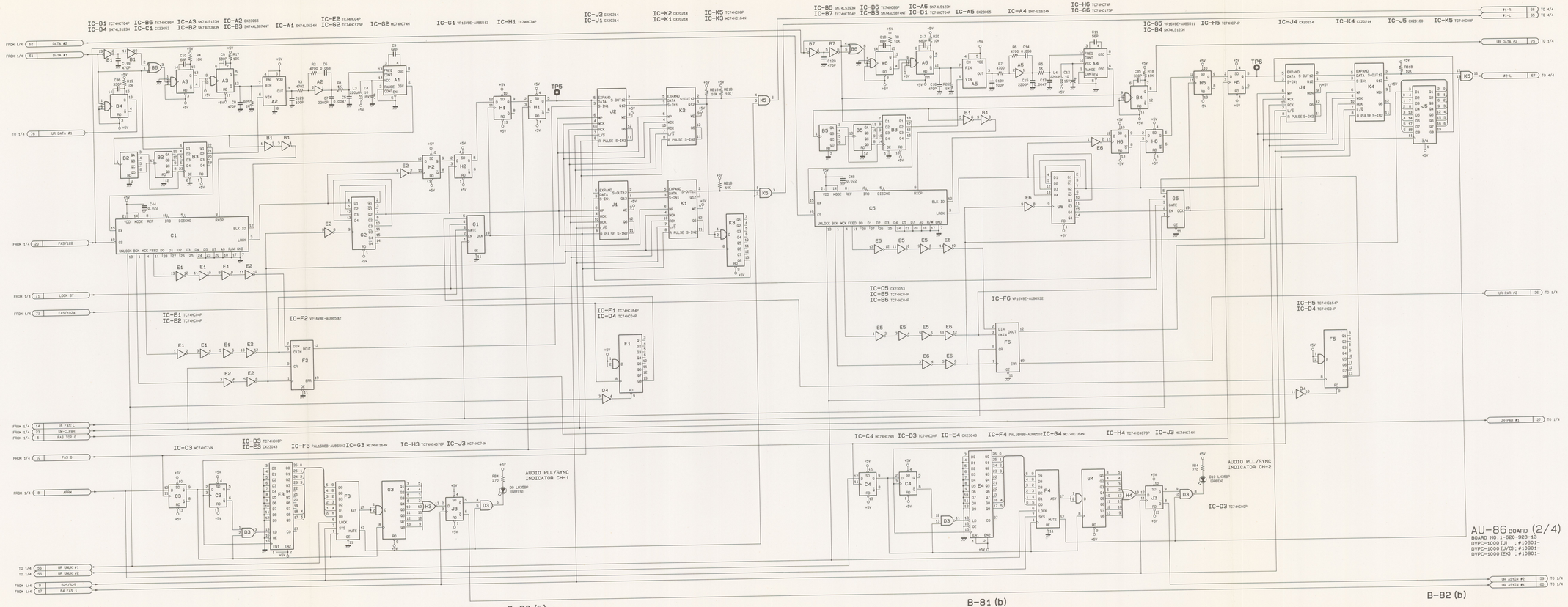
AU-86 BOARD (1/4)
BOARD NO. 1-620-928-13
DVPC-1000 (J) : #10601-
DVPC-1000 (U/C) : #10901-
DVPC-1000 (EK) : #10901-

CARD RACK AU-86 (2/4) BOARD AU-86 (2/4) BOARD CARD RACK

AU-86 BOARD (2/4)

Audio Input

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)



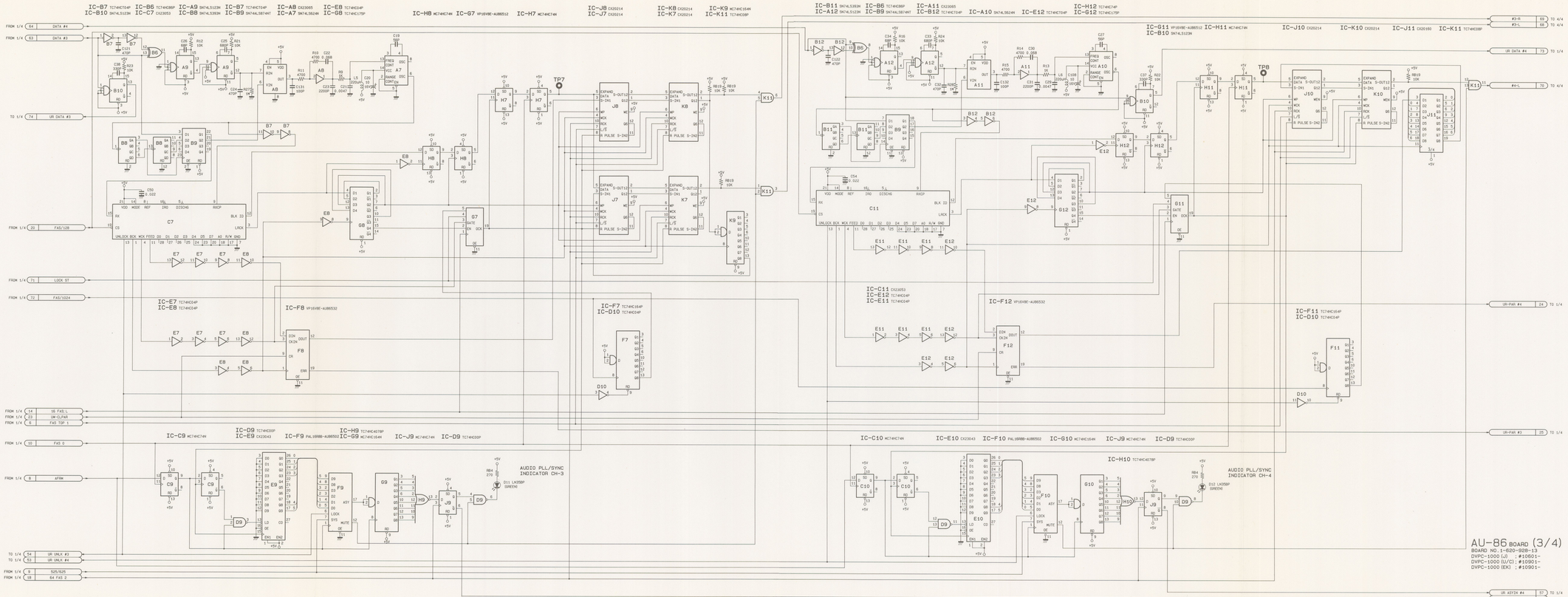
AU-86 BOARD (2/4)
BOARD NO.1-825-828-13
DVPC-1000 (J) : #10601-
DVPC-1000 (U/C) : #10901-
DVPC-1000 (EK) : #10901-

CARD RACK AU-86 (3/4) BOARD
AU-86 (3/4) BOARD CARD RACK

AU-86 BOARD (3/4)

Audio Input

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)



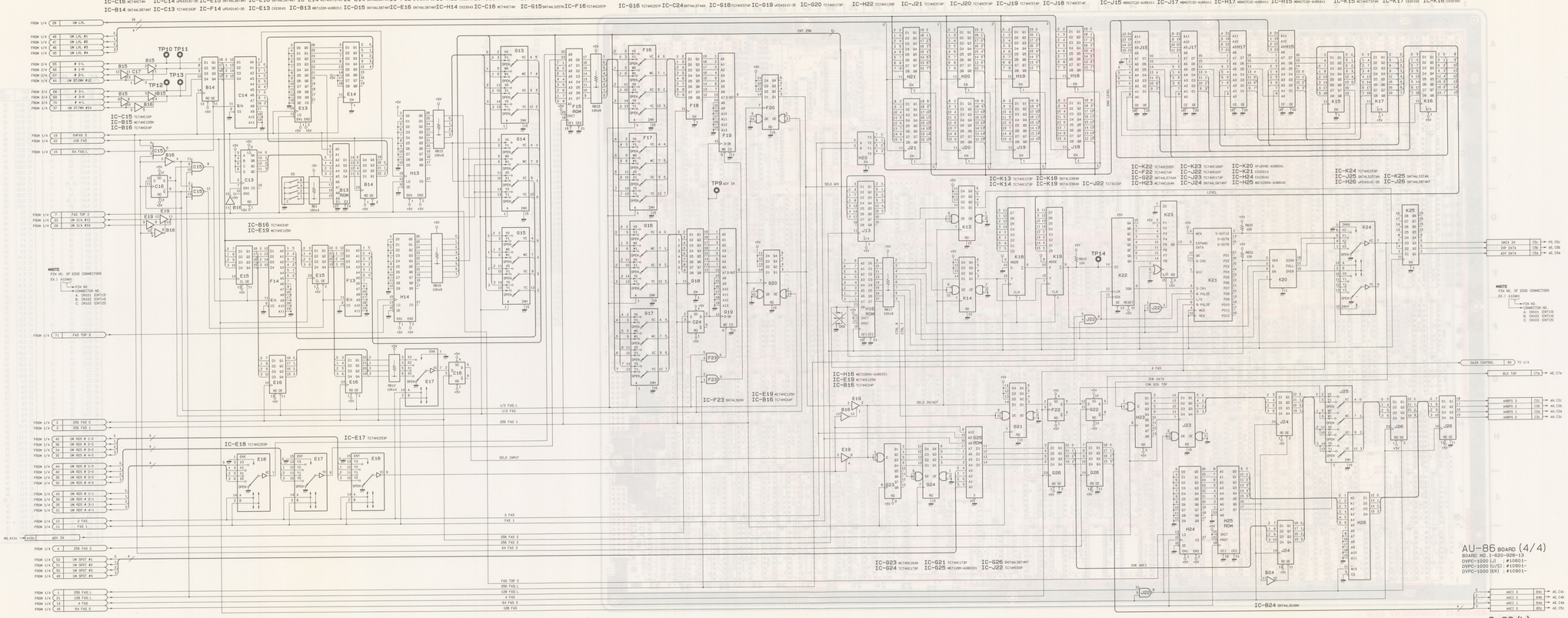
AU-86 BOARD (3/4)
BOARD NO. 1-620-928-13
DVPC-1000 (J) : #10601-
DVPC-1000 (UC) : #10901-
DVPC-1000 (EK) : #10901-

CARD RACK AU-86 (4/4) BOARD AU-86 (4/4) BOARD CARD RACK

AU-86 BOARD (4/4)

Audio Input

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)



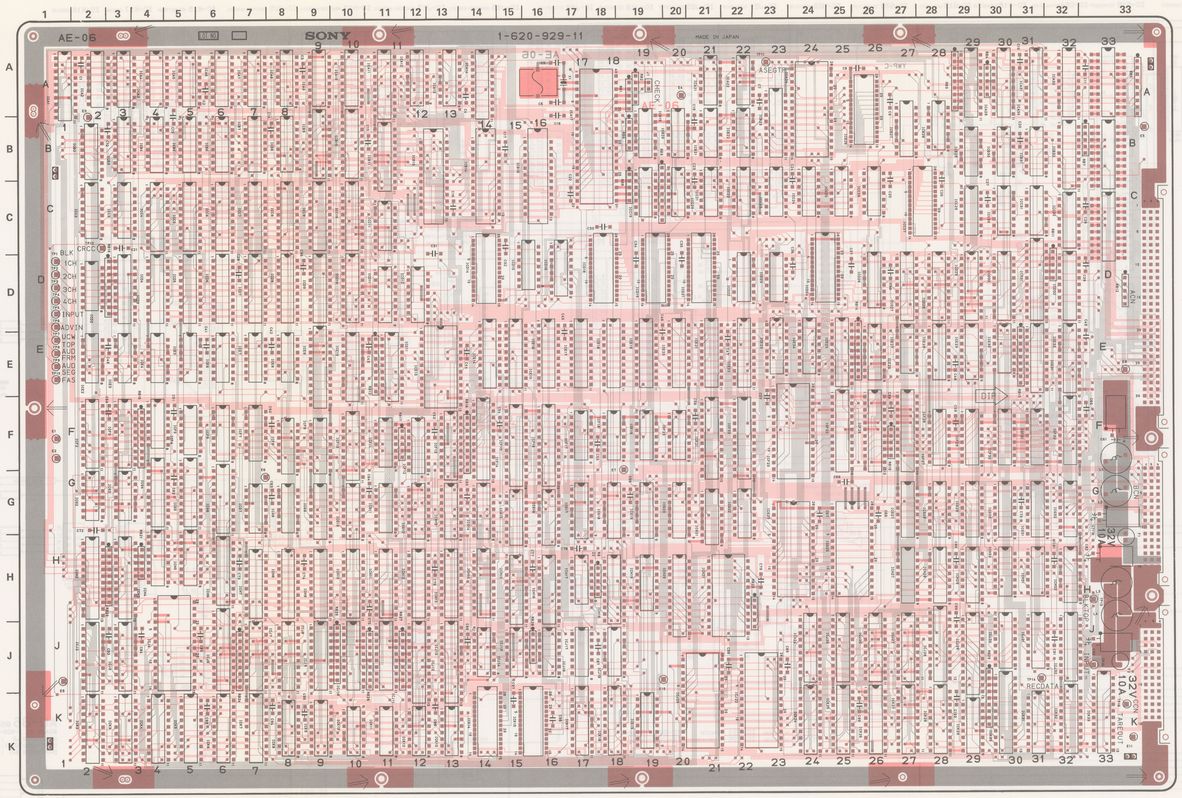
B-95 (b) B-96 (b) B-97 (b) B-98 (b)

AU-86 BOARD (4/4)
BOARD NO. 1-620-928-13
DVPC-1000 LU : #10601-
DVPC-1000 SU/CE1 : #10901-
DVPC-1000 EK1 : #10901-

AE-06 BOARD (1-620-929-11)

Component Side

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



1-620-929-11 COMPONENT SIDE

CARD RACK AE-06 BOARD AE-06 BOARD CARD RACK

AE-06 (1-620-929-11)

DVPC-1000

E1	F1	TP10	E1
E2	F1	TP11	A23
E4	A20	TP12	D2
E5	B33	TP13	B33
E6	G7	TP14	J31
E7	G18	TP15	J33
E8	E33	TP16	K33
E9	J1		
E10	A19	X1	A16
E11	K33		
F1	B33		
F2	J33		
J1	B19		
RB1	A19		
RB2	A19		
RB3	A29		
RB4	A30		
RB5	A33		
RB6	B19		
RB7	B33		
RB8	C19		
RB9	B19		
RB10	D2		
RB11	D32		
RB12	D33		
RB13	E11		
RB14	E26		
RB15	E30		
RB16	F4		
RB17	F11		
RB18	F34		
RB19	F27		
RB20	H2		
RB21	H4		
RB22	H18		
RB23	H22		
RB24	J7		
RB25	J10		
RB26	J11		
RB27	J11		
RB28	J16		
RB29	J29		
TP1	D1		
TP2	D1		
TP3	D1		
TP4	D1		
TP5	D1		
TP6	D1		
TP7	E1		
TP8	E1		
TP9	E1		

AE-06 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A1	20	10
IC A2	16	8
IC A3	16	8
IC A4	16	8
IC A5	16	8
IC A6	16	8
IC A7	16	8
IC A8	16	8
IC A9	16	8
IC A10	16	8
IC A11	20	10
IC A12	16	8
IC A13	16	8
IC A14	20	10
IC A17	26, 40	20
IC A21	14	7
IC A22	14	7
IC A24	1, 28	14
IC A29	20	10
IC A30	20	10
IC A31	20	10
IC A32	20	10
IC B2	16	8
IC B3	16	8
IC B4	16	8
IC B5	16	8
IC B6	16	8
IC B7	16	8
IC B8	16	8
IC B9	20	10
IC B10	20	10
IC B11	20	10
IC B12	24	12
IC B14	24	12
IC B16	24	12
IC B19	14	7
IC B20	14	7
IC B21	14	7
IC B22	14	7
IC B23	20	10
IC B26	28	14
IC B27	16	8
IC B28	14	7
IC B29	14	7
IC B30	14	7
IC B31	14	7
IC B32	20	10
IC C2	16	8
IC C3	16	8
IC C4	20	10
IC C5	20	10
IC C6	20	10
IC C7	20	10
IC C8	20	10
IC C9	20	10
IC C10	20	10
IC C11	16	8
IC C19	14	7
IC C20	14	7
IC C21	14	7
IC C22	14	7
IC C23	14	7
IC C24	14	7
IC C25	14	7
IC C26	14	7
IC C27	28	14
IC C29	14	7
IC C30	14	7
IC C31	14	7
IC C32	16	8
IC D2	14	7
IC D3	20	10
IC D4	20	10
IC D5	20	10
IC D6	20	10
IC D7	20	10
IC D8	20	10
IC D9	20	10
IC D10	20	10
IC D11	16	8
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IC D29	20	10
IC D30	20	10
IC D31	24	12
IC D32	20	10
IC E2	14	7
IC E3	14	7
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IC E5	14	7
IC E6	14	7
IC E7	14	7
IC E8	14	7
IC E9	24	12
IC E10	20	10
IC E11	20	10
IC E13	24	12
IC E14	24	12
IC E15	20	10
IC E16	20	10
IC E17	20	10
IC E18	20	10
IC E19	20	10
IC E20	20	10
IC E21	20	10
IC E22	20	10
IC E23	16	8
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IC E25	20	10
IC E26	16	8
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IC E29	16	8
IC E30	14	7
IC E31	20	10
IC E32	20	10
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IC F3	20	10
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IC F6	16	8
IC F7	16	8
IC F8	16	8
IC F9	16	8
IC F10	20	10
IC F11	14	7
IC F12	16	8
IC F13	20	10
IC F14	24	12
IC F15	24	12
IC F16	24	12
IC F17	14	7
IC F18	14	7
IC F20	14	7
IC F21	24	12
IC F22	24	12
IC F23	1, 28	14
IC F25	24	12
IC F26	24	12
IC F27	24	12
IC F28	16	8
IC F29	16	8
IC F30	16	8
IC F31	16	8
IC F32	20	10
IC G2	14	7
IC G3	14	7
IC G4	20	10
IC G5	20	10
IC G6	20	10
IC G7	14	7
IC G8	14	7
IC G9	16	8
IC G10	16	8
IC G11	14	7
IC G12	16	8
IC G13	16	8
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IC G16	16	8
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IC G18	16	8
IC G19	16	8
IC G20	16	8
IC G21	16	8
IC G22	14	7
IC G23	1, 28	14
IC G25	1, 28	14
IC G27	16	8
IC G28	16	8
IC G29	16	8
IC G30	16	8
IC G31	16	8
IC G32	16	8
IC H2	24	12
IC H3	24	12
IC H4	16	8
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IC H29	16	8
IC H30	14	7
IC H31	14	7
IC H32	16	8
IC J2	20	10
IC J3	20	10
IC J4	1, 28	14
IC J6	24	12
IC J7	20	10
IC J8	20	10
IC J9	20	10
IC J10	20	10
IC J11	20	10
IC J12	24	12
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IC J14	14	7
IC J15	14	7
IC J16	14	7
IC J17	14	7
IC J18	14	7
IC J20	1, 28	14
IC J22	1, 28	14
IC J24	20	10
IC J25	20	10
IC J26	20	10
IC J27	20	10
IC J28	12	11
IC J29	24	12
IC J30	16	8
IC J31	16	8
IC J32	20	10
IC K2	20	10
IC K3	20	10
IC K4	20	10
IC K5	20	10
IC K6	20	10
IC K7	20	10
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IC K18	20	10
IC K35	16	8
IC K24	20	10
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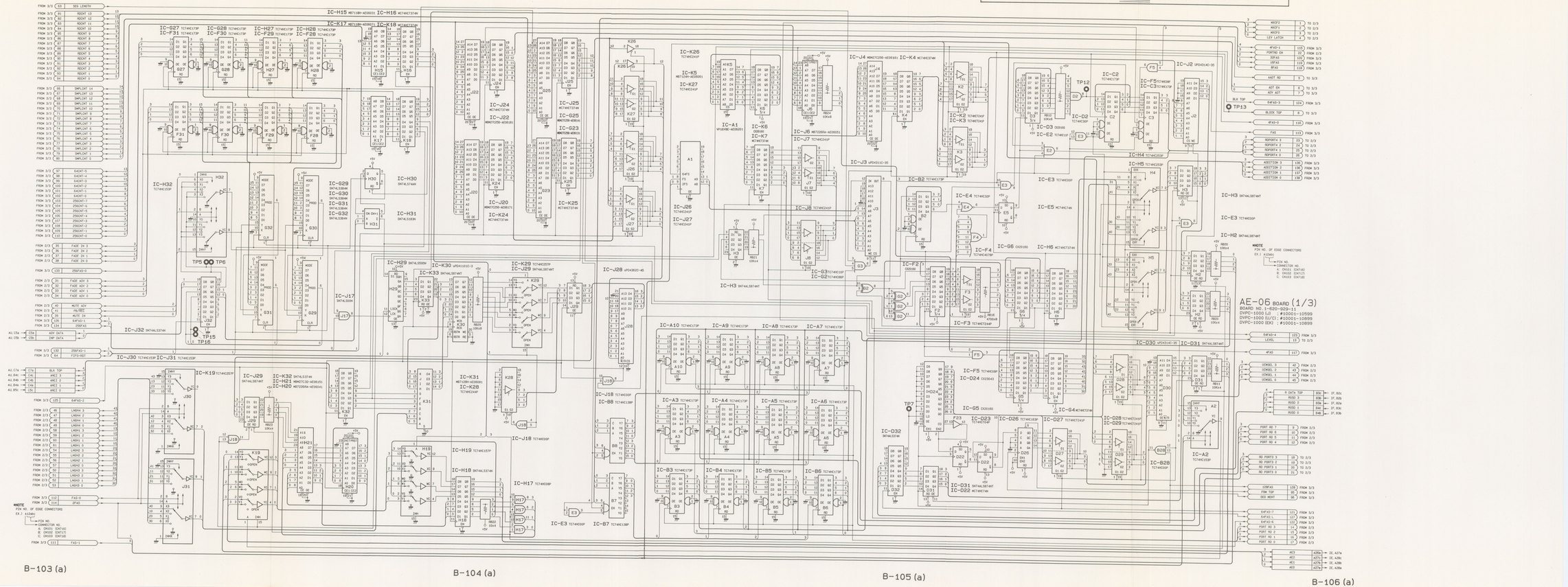
IC K26	20	10
IC K27	20	10
IC K28	20	10
IC K29	16	8
IC K30	18	9
IC K31	18	9
IC K32	20	10
IC K33	24	12

CARD RACK AE-06 (1/3) BOARD AE-06 (1/3) BOARD CARD RACK

AE-06 BOARD (1/3)

Audio Outer Encoder

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



B-103 (a)

B-104 (a)

B-105 (a)

B-106 (a)

AE-06 (2/3) BOARD CARD RACK

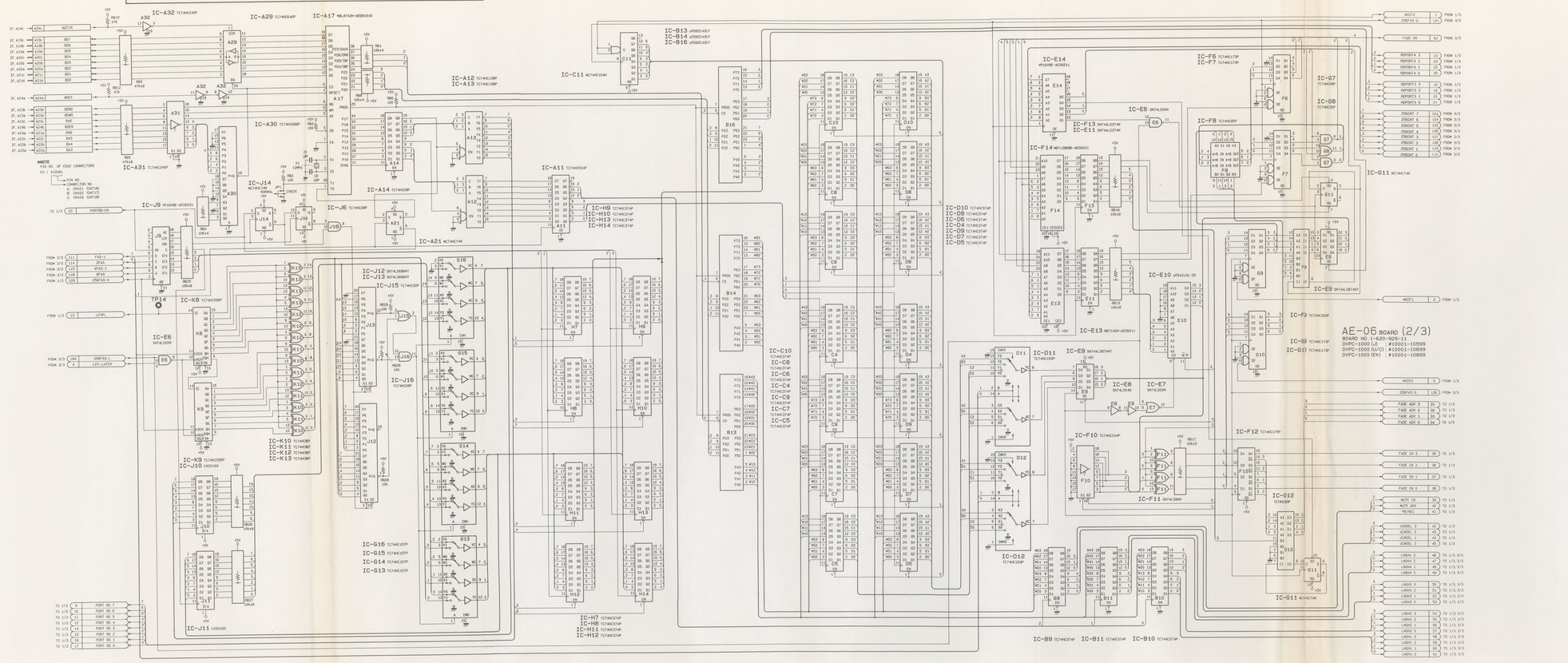
CARD RACK AE-06 (2/3) BOARD

AE-06 (2/3) BOARD CARD RACK

AE-06 BOARD (2/3)

Audio Outer Encoder

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

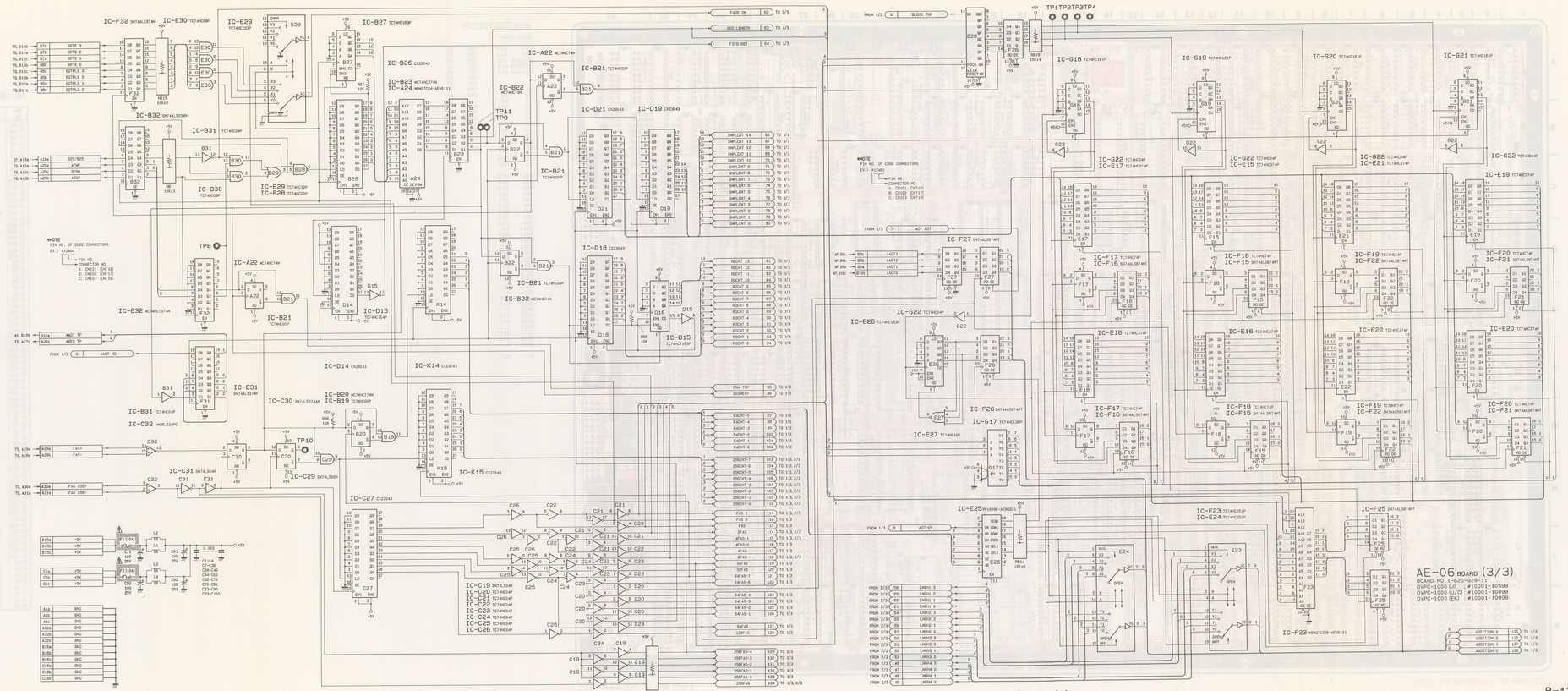


CARD RACK AE-06 (3/3) BOARD AE-06 (3/3) BOARD CARD RACK

AE-06 BOARD (3/3)

Audio Outer Encoder

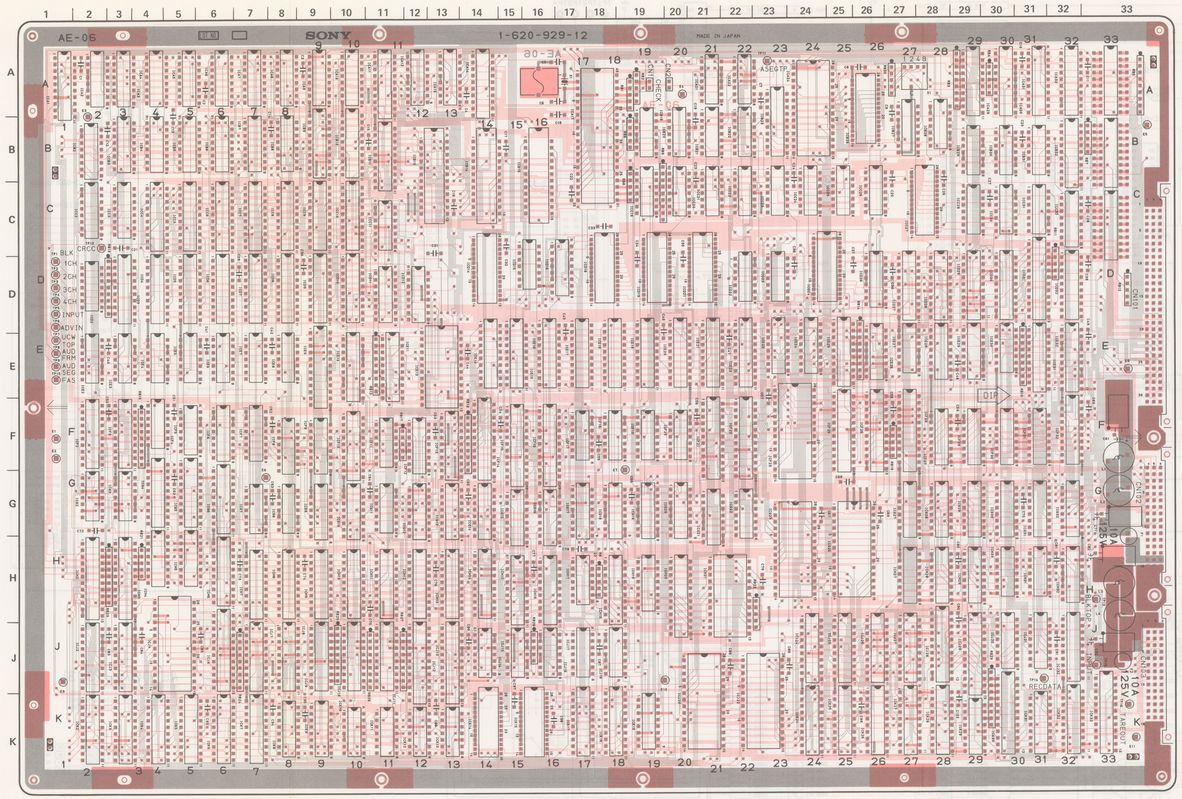
#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



AE-06 BOARD (1-620-929-12)

Component Side

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

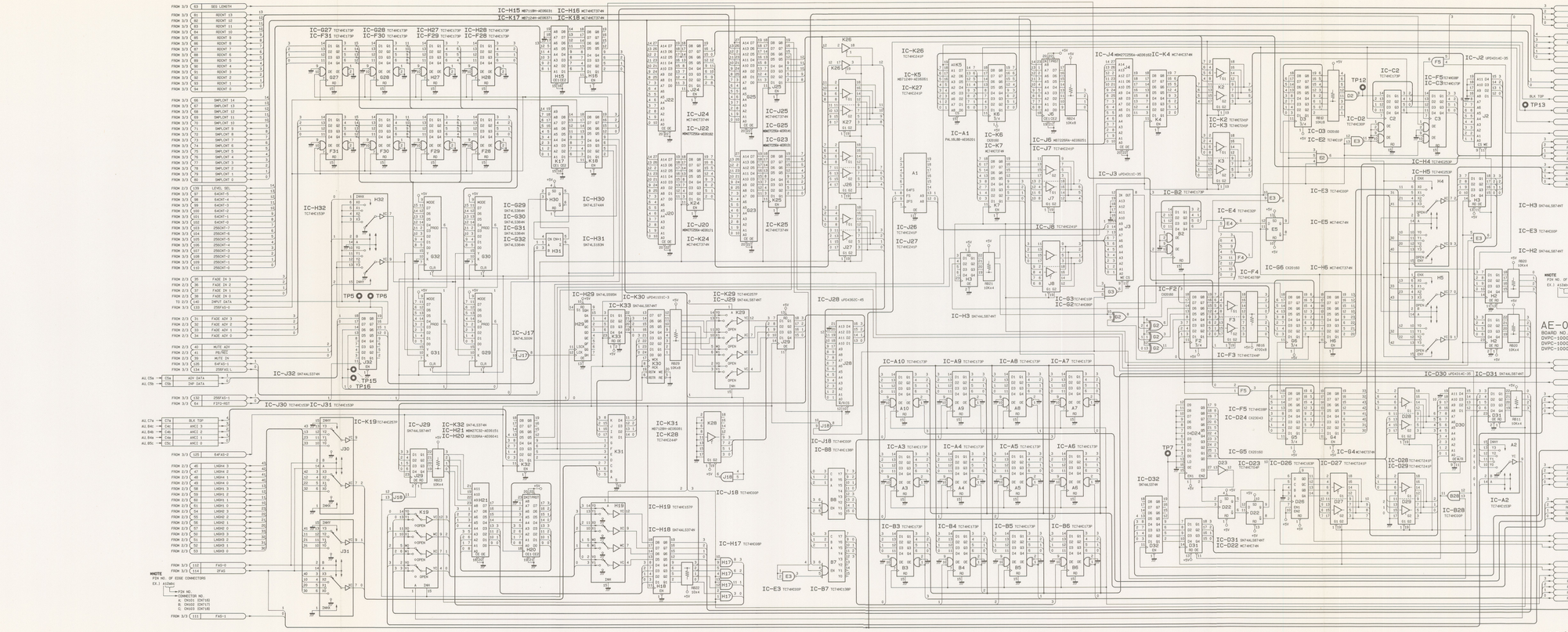


CARD RACK AE-06 (1/3) BOARD AE-06 (1/3) BOARD CARD RACK

AE-06 BOARD (1/3)

Audio Outer Encoder

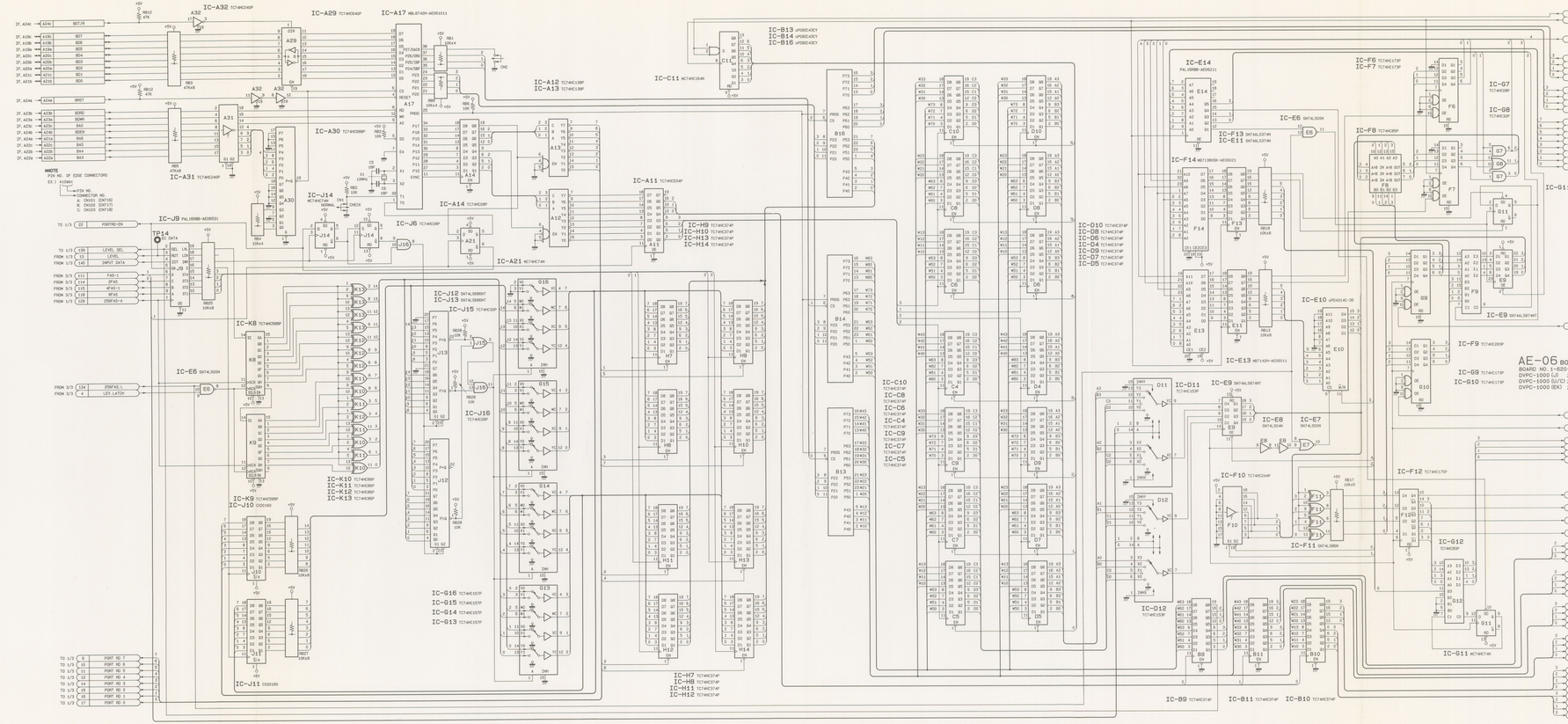
- #10601 & UP (J)
- #10901 & UP (UC)
- #10901 & UP (EK)


AE-06 BOARD (1/3)
BOARD NO. 1-620-929-12
DVPC-1000 (J) #10601-
DVPC-1000 (UC/E) #10901-
DVPC-1000 (EK) #10901-
IC-H15 MB7118M-AE06031
IC-H16 MC74HC374AN
IC-H17 MB7124M-AE06031
IC-H18 MC74HC374AN
IC-J4 HD66721256A-AE06041
IC-K4 MC74HC374AN
IC-J2 UPD431C-35
IC-H3 SN74AL587AN
IC-E3 TC74HC00P
IC-H2 SN74AL587AN
IC-H4 TC74HC283P
IC-H5 TC74HC283P
IC-E3 TC74HC00P
IC-H3 SN74AL587AN
IC-D30 UPD431C-35
IC-D31 SN74AL587AN
IC-A2 TC74HC157P
IC-B28 TC74HC00P
IC-D32 SN74AL574N
IC-D31 SN74AL587AN
IC-D22 MC74HC74A
IC-D23 TC74HC74AP
IC-D26 TC74HC165P
IC-D27 TC74HC124AP
IC-D28 TC74HC124AP
IC-D29 TC74HC124AP
IC-G4 MC14HC174N
IC-F5 TC74HC00P
IC-D24 CXD2043
IC-G5 CXD2160
IC-G6 CXD2160
IC-H6 MC74HC374AN
IC-E4 TC74HC32P
IC-E5 MC74HC74N
IC-E3 TC74HC00P
IC-C2 TC74HC175P
IC-F5 TC74HC00P
IC-C3 TC74HC175P
IC-D2 TC74HC32P
IC-D3 CXD2160
IC-E2 TC74HC14P
IC-B2 TC74HC173P
IC-E4 TC74HC32P
IC-E5 TC74HC74N
IC-F4 TC74HC4075P
IC-F2 CXD2160
IC-F3 TC74HC124AP
IC-G3 TC74HC10P
IC-G2 TC74HC00P
IC-K2 TC74HC174AP
IC-K3 TC74HC174AP
IC-J6 HD72209A-AE06051
IC-J7 TC74HC241P
IC-J8 TC74HC241P
IC-J9 TC74HC241P
IC-J3 UPD431C-35
IC-K5 MB7124M-AE06051
IC-K6 TC74HC245P
IC-K7 MC74HC374AN
IC-K26 TC74HC245P
IC-A1 PAL16L8B-AE06201
IC-H3 SN74AL587AN
IC-J26 TC74HC241P
IC-J27 TC74HC241P
IC-J28 UPD4362C-45
IC-J10 TC74HC00P
IC-B6 TC74HC138P
IC-E3 TC74HC00P
IC-B7 TC74HC138P
IC-A10 TC74HC173P
IC-A9 TC74HC173P
IC-A8 TC74HC173P
IC-A7 TC74HC173P
IC-A3 TC74HC173P
IC-A4 TC74HC173P
IC-A5 TC74HC173P
IC-A6 TC74HC173P
IC-B3 TC74HC173P
IC-B4 TC74HC173P
IC-B5 TC74HC173P
IC-B6 TC74HC173P
IC-H29 SN74LS595N
IC-H30 UPD431C-3
IC-H33 SN74AL587AN
IC-H31 SN74LS183N
IC-H32 TC74HC153P
IC-H19 TC74HC157P
IC-H18 SN74AL574N
IC-H17 TC74HC00P
IC-J18 TC74HC00P
IC-J16 TC74HC00P
IC-J17 SN74LS30N
IC-J32 SN74AL574N
IC-J30 TC74HC139P
IC-J31 TC74HC153P
IC-K19 TC74HC257P
IC-J29 SN74AL587AN
IC-H21 MB4073D-AE06051
IC-H20 HD72209A-AE06041
IC-K31 MB7118M-AE06051
IC-K28 TC74HC244P
IC-K30 UPD431C-3
IC-K29 TC74HC257P
IC-J29 SN74AL587AN
IC-K27 TC74HC245P
IC-K25 TC74HC173P
IC-K24 TC74HC173P
IC-K22 HD66721256A-AE06041
IC-K23 HD66721256A-AE06041
IC-K20 HD66721256A-AE06041
IC-K21 HD66721256A-AE06041
IC-H27 TC74HC173P
IC-H28 TC74HC173P
IC-F29 TC74HC173P
IC-F28 TC74HC173P
IC-F27 TC74HC173P
IC-F30 TC74HC173P
IC-F31 TC74HC173P
IC-H32 TC74HC153P
IC-H30 SN74LS74AN
IC-H31 SN74LS183N
IC-H29 SN74LS595N
IC-H33 SN74AL587AN

AE-06 BOARD (2/3)

Audio Outer Encoder

10601 & UP (J)
10901 & UP (UC)
10901 & UP (EK)

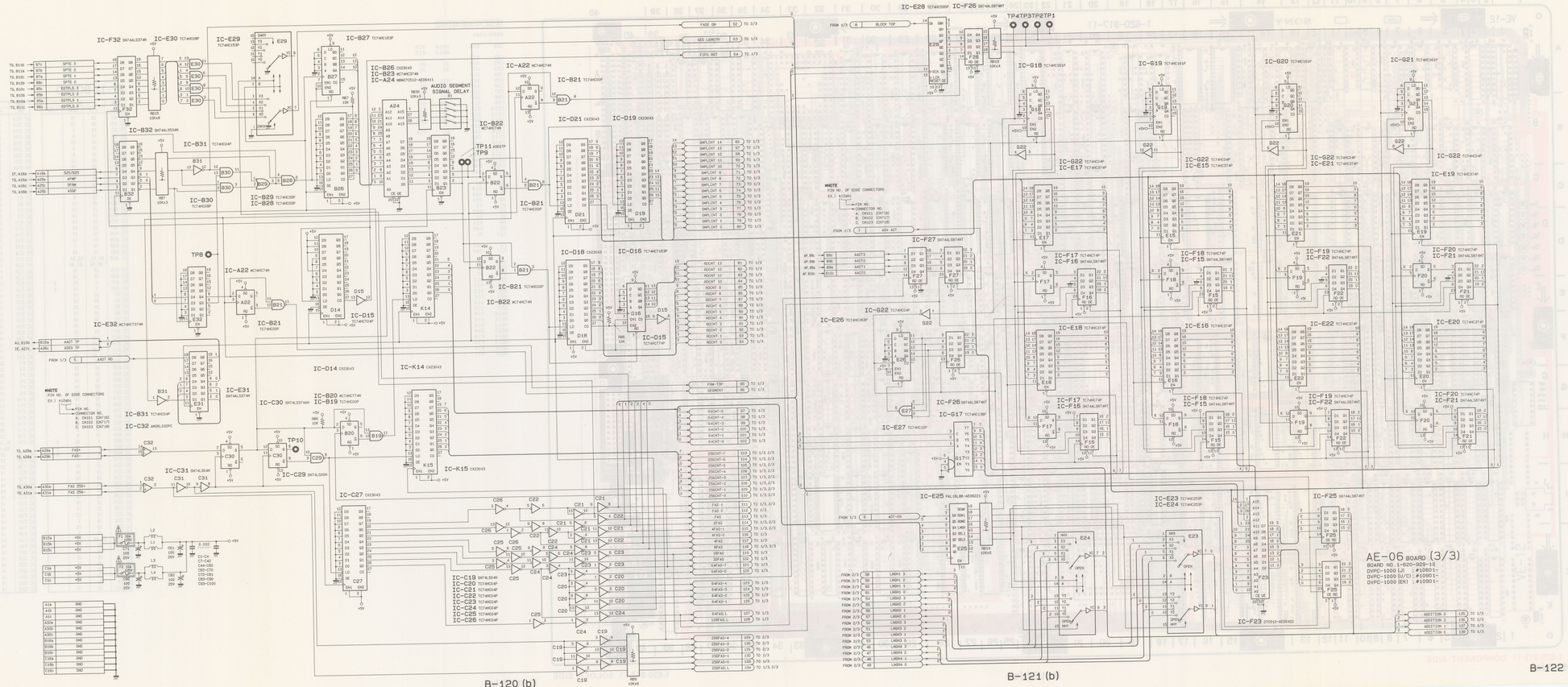


CARD RACK AE-06 (3/3) BOARD AE-06 (3/3) BOARD CARD RACK

AE-06 BOARD (3/3)

Audio Outer Encoder

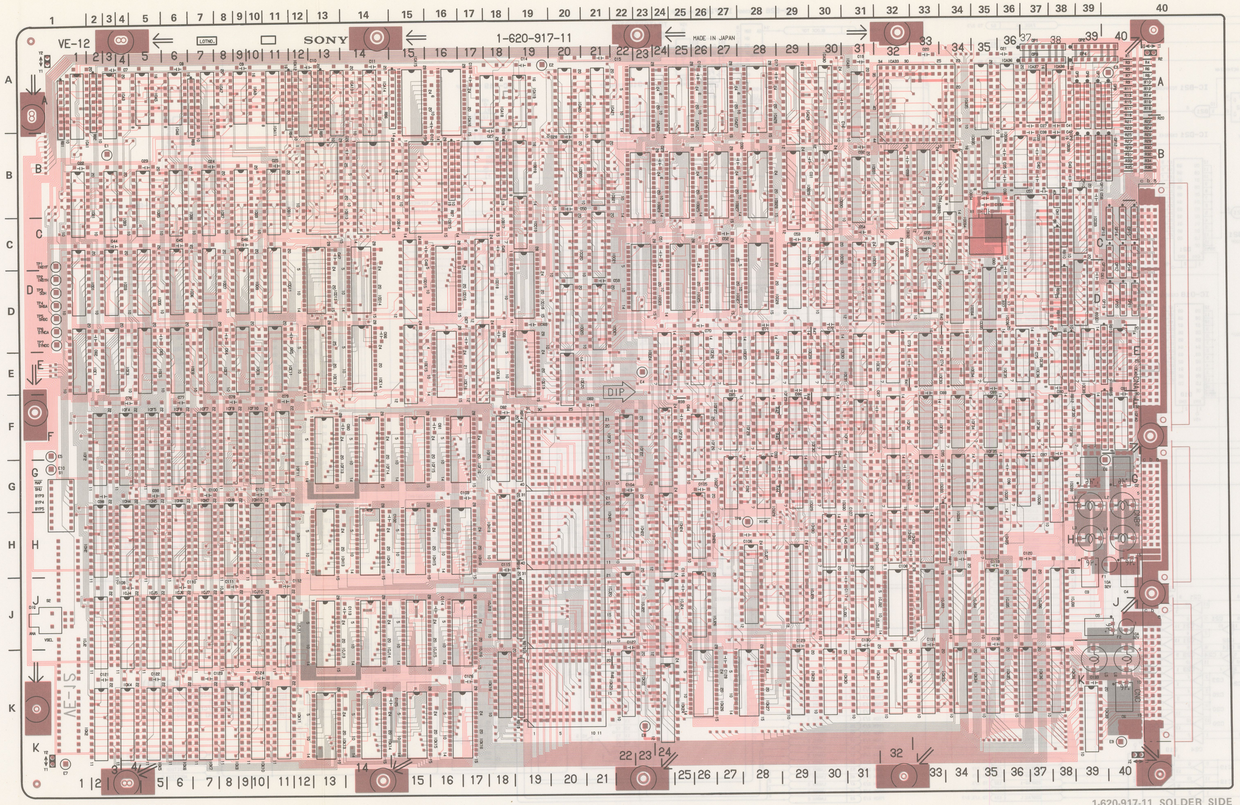
#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)



VE-12 BOARD (1-620-917-11)

Component Side

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



1-620-917-11 COMPONENT SIDE

B-123 (a)

B-124 (a)

1-620-917-11 SOLDER SIDE

B-125 (a)

CARD RACK VE-12 BOARD VE-12 BOARD CARD RACK

VE-12 (1-620-917-11)

DVPC-1000

CN1	B38	RB18	J19
		RB19	K19
CP1	A37		
CP2	A39	S1	G1
CP3	A37	S2	J1
CP4	A39		
CP5	A39	TP1	C1
CP6	A39	TP2	D1
CP7	A39	TP3	D1
CP8	A40	TP4	D1
CP9	B39	TP5	D1
CP10	B39	TP6	D1
CP11	B39	TP7	D1
CP12	B40	TP8	H28
CP13	C40		
CP14	C40	X1	C35
CP15	C40		
CP16	D40		
CP17	D40		
CP18	D40		
CP19	D40		
CP20	D40		
CP21	D40		
E1	B3		
E2	A19		
E3	A40		
E4	E23		
E5	F1		
E6	G40		
E7	K1		
E8	K23		
E9	K40		
E10	G1		
F1	H40		
F2	J40		
RB1	A1		
RB2	A2		
RB3	A7		
RB4	A11		
RB5	A13		
RB6	A15		
RB7	B16		
RB8	B18		
RB9	C18		
RB10	C38		
RB11	D38		
RB12	E38		
RB13	F19		
RB14	F19		
RB15	H19		
RB16	H19		
RB17	H13		

B-125 (a)

VE-12 BOARD

Ref. No.	Pin No. +5V	GND	−5V
IC A1	20	10	
IC A3	20	10	
IC A5	16	8	
IC A6	16	8	
IC A7	20	10	
IC A9	16	8	
IC A11	16	8	
IC A12	20	10	
IC A13	20	10	
IC A14	20	10	
IC A15	28	14	
IC A16	28	14	
IC A18	16	8	
IC A19	16	8	
IC A20	20	10	
IC A21	20	10	
IC A23	28	14	
IC A25	28	14	
IC A27	28	14	
IC A28	28	14	
IC A29	24	12	
IC A30	18	7	
IC A31	20	10	
IC A33	41,52, 85,86	83,84, 87,88	
IC A35	20	10	
IC A36	20	10	
IC A37	9	16	8
IC A38	9	16	8
IC B1	20	10	
IC B3	20	10	
IC B5	20	10	
IC B6	20	10	
IC B7	20	10	
IC B9	20	10	
IC B11	20	10	
IC B13	1,28	14	
IC B14	1,28	14	
IC B15	1,28	14	
IC B17	1,28	14	
IC B18	16	8	
IC B20	20	10	
IC B21	20	10	
IC B23	28	14	
IC B25	28	14	
IC B27	28	14	
IC B28	28	14	
IC B29	24	12	
IC B30	18	7	
IC B31	20	10	
IC B32	24	12	
IC B33	18	7	
IC B34	16	8	
IC B35	9	16	8
IC B36	9	16	8
IC B38	9	16	8
IC C5	14	7	
IC C20	20	10	
IC C21	20	10	
IC C23	28	14	
IC C25	28	14	
IC C27	28	14	
IC C28	28	14	
IC C29	20	10	
IC C30	20	10	
IC C31	24	12	
IC C32	18	7	
IC C33	20	10	
IC C34	14	7	
IC C36	26,40	20	
IC C39	20	10	
IC D1	20	10	
IC D3	20	10	
IC D5	20	10	
IC D6	20	10	
IC D7	20	10	
IC D9	20	10	
IC D11	20	10	

Ref. No.	Pin No. +5V	GND	−5V
IC D13	28	14	
IC D14	28	14	
IC D15	24	12	
IC D16	28	14	
IC D18	24	12	
IC D19	28	14	
IC D20	20	10	
IC D21	20	10	
IC D24	14	7	
IC D35	16	8	
IC D39	20	10	
IC E1	20	10	
IC E3	20	10	
IC E5	20	10	
IC E6	20	10	
IC E7	20	10	
IC E9	20	10	
IC E11	20	10	
IC E13	28	14	
IC E14	28	14	
IC E15	24	12	
IC E16	28	14	
IC E18	24	12	
IC E19	28	14	
IC E20	14	7	
IC E24	14	7	
IC E26	14	7	
IC E27	14	7	
IC E28	14	7	
IC E29	14	7	
IC E30	14	7	
IC E31	16	8	
IC E32	14	7	
IC E33	16	8	
IC E34	16	8	
IC E35	14	7	
IC E36	14	7	
IC E38	16	8	
IC E39	14	7	
IC E40	14	7	
IC F2	22	11	
IC F4	22	11	
IC F5	22	11	
IC F6	22	11	
IC F7	22	11	
IC F8	22	11	
IC F10	22	11	
IC F11	22	11	
IC F13	28	14	
IC F14	28	14	
IC F15	28	14	
IC F16	28	14	
IC F18	20	10	
IC F20	41,52, 65,49	42,48, 58,64	
IC F22	20	10	
IC F24	24	12	
IC F26	20	10	
IC F27	14	7	
IC F28	14	7	
IC F29	14	7	
IC F30	14	7	
IC F31	16	8	
IC F32	14	7	
IC F33	14	7	
IC F34	14	7	
IC F35	14	7	
IC F36	16	8	
IC F38	14	7	
IC F39	14	7	
IC F40	16	8	
IC G27	14	7	
IC G28	14	7	
IC G29	14	7	
IC G30	14	7	
IC G31	14	7	
IC G32	14	7	
IC G33	14	7	

Ref. No.	Pin No. +5V	GND	−5V
IC G34	14	7	
IC G35	14	7	
IC G36	14	7	
IC G38	20	10	
IC H2	22	11	
IC H4	22	11	
IC H5	22	11	
IC H6	22	11	
IC H7	22	11	
IC H8	22	11	
IC H10	22	11	
IC H11	22	11	
IC H13	28	14	
IC H14	28	14	
IC H15	28	14	
IC H16	28	14	
IC H18	20	10	
IC H20	41,57, 65,49	42,48, 58,64	
IC H22	20	10	
IC H24	24	12	
IC H26	20	10	
IC H30	14	7	
IC H31	14	7	
IC H32	16	8	
IC H33	16	8	
IC H35	14	7	
IC J2	22	11	
IC J4	22	11	
IC J5	22	11	
IC J6	22	11	
IC J7	22	11	
IC J8	22	11	
IC J10	22	11	
IC J11	22	11	
IC J13	28	14	
IC J14	28	14	
IC J15	28	14	
IC J16	28	14	
IC J18	20	10	
IC J20	41,57, 65,49	42,48, 58,64	
IC J22	20	10	
IC J24	24	12	
IC J26	20	10	
IC J27	24	12	
IC J29	24	12	
IC J30	24	12	
IC J31	20	10	
IC J32	20	10	
IC J33	28	14	
IC J34	18	10	
IC J35	20	10	
IC J36	20	10	
IC J38	20	10	
IC K2	22	11	
IC K4	22	11	
IC K5	22	11	
IC K6	22	11	
IC K7	22	11	
IC K8	22	11	
IC K10	22	11	
IC K11	22	11	
IC K13	28	14	
IC K14	28	14	
IC K15	28	14	
IC K16	28	14	
IC K18	20	10	
IC K20	41,57, 65,49	42,48, 58,64	
IC K22	20	10	
IC K24	24	12	
IC K26	28	14	
IC K27	28	14	
IC K29	20	10	
IC K30	20	10	
IC K31	20	10	
IC K32	20	10	

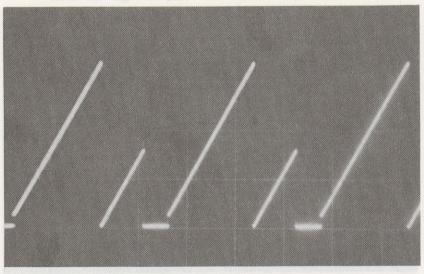
Ref. No.	Pin No. +5V	GND	−5V
IC K33	20	10	
IC K34	20	10	
IC K35	20	10	
IC K36	20	10	
IC K38	20	10	
IC K39	20	10	
CP1			
CP2			
CP3			
CP4			
CP5	Refer to schematic diagram.		
CP6			
CP7			
CP8			
CP9			
CP10			
CP11			
CP12			

B-126 (a)

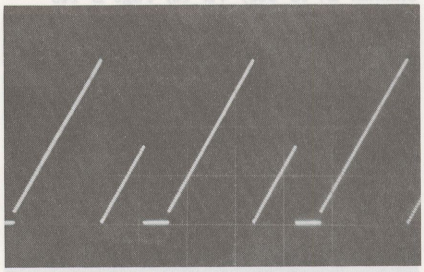
①INTERFACE DECODER OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON
Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

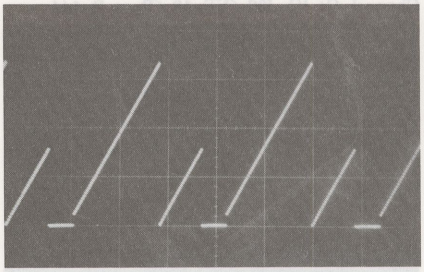
Y Channel; IC-C33/VE-12/Page B-128



R-Y Channel; IC-A31/VE-12/Page B-128



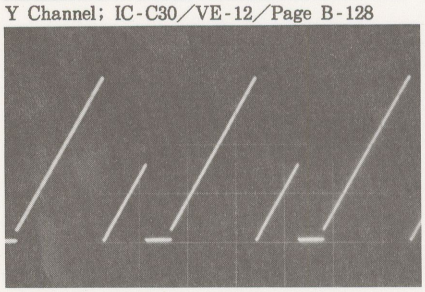
B-Y Channel; IC-B31/VE-12/Page B-128



②SOURCE MAPPING OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON
Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

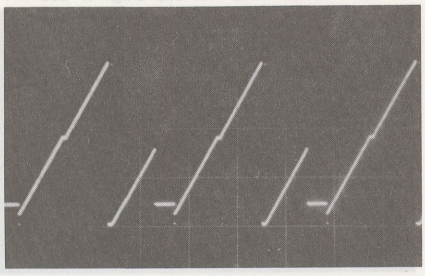
Y Channel; IC-C30/VE-12/Page B-128



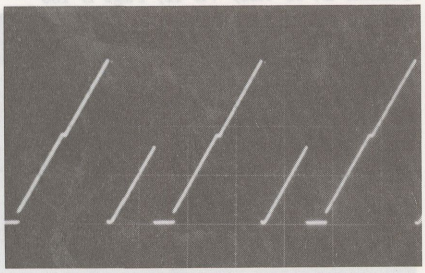
③HEAD INTERLEAVE OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON
Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

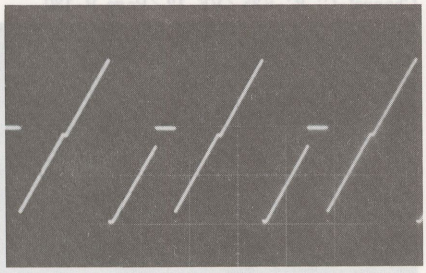
Channel-A; IC-A20/VE-12/Page B-129



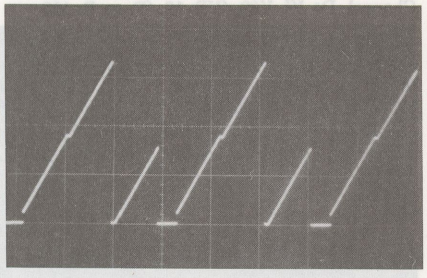
Channel-B; IC-A21/VE-12/Page B-129



Channel-C; IC-C21/VE-12/Page B-129



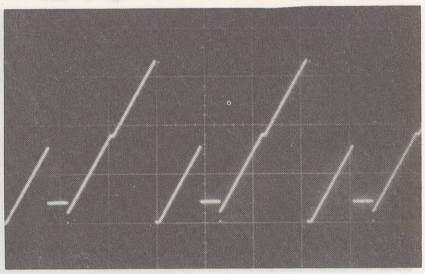
Channel-D; IC-D20/VE-12/Page B-129



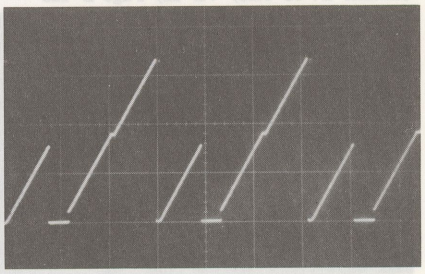
④OUTER ENCODER OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON
Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

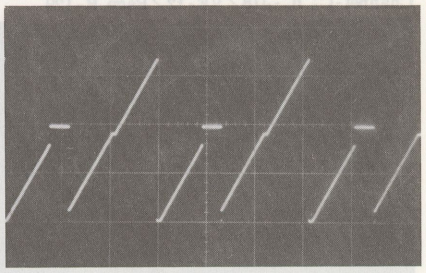
Channel-A; IC-F22/VE-12/Page B-129



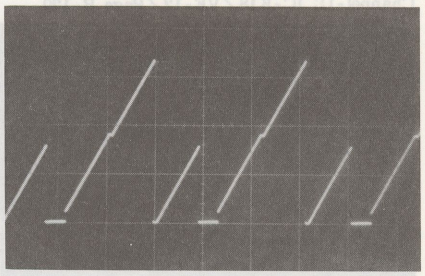
Channel-B; IC-H22/VE-12/Page B-129



Channel-C; IC-J22/VE-12/Page B-129



Channel-D; IC-K22/VE-12/Page B-129



⑤OUTER ENCODER OUTPUT DATA

Setting of Oscilloscope

20 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

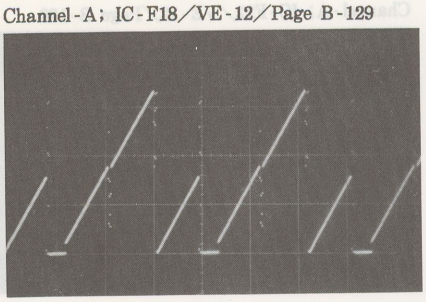
S1-1/2/3 ····· ON

S1-4 ····· OFF

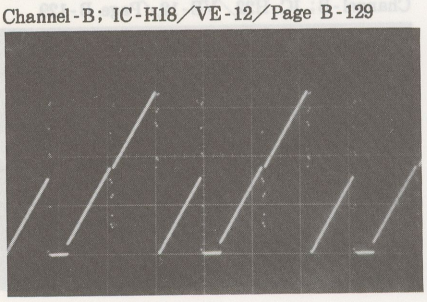
Setting of Switches/Jumpers (DVPC-1000)

Refer to page B-2.

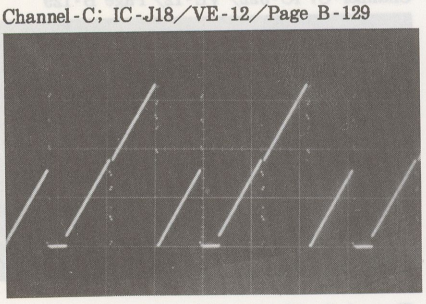
Channel-A; IC-F18/VE-12/Page B-129



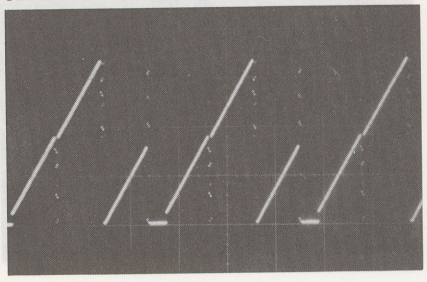
Channel-B; IC-H18/VE-12/Page B-129



Channel-C; IC-J18/VE-12/Page B-129



Channel-D; IC-K18/VE-12/Page B-129



⑥BYPASS-4 OUTPUT DATA

Setting of Oscilloscope

20 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

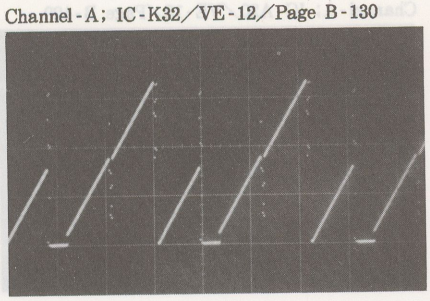
S1-1/2/3 ····· ON

S1-4 ····· OFF

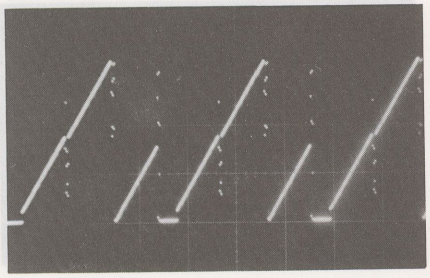
Setting of Switches/Jumpers (DVPC-1000)

Refer to page B-2.

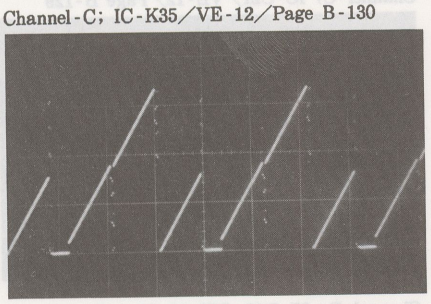
Channel-A; IC-K32/VE-12/Page B-130



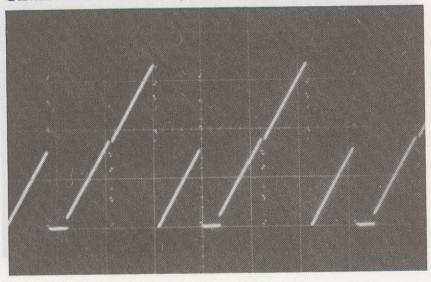
Channel-B; IC-K38/VE-12/Page B-130



Channel-C; IC-K35/VE-12/Page B-130



Channel-D; IC-K39/VE-12/Page B-130



⑦SHUFFLING OUTPUT DATA

Setting of Oscilloscope

20 μsec/div, 0.2 V/div

TRIG.; TP4 (A/B-CH)TP5 (C/D-CH) /VE-12

Setting of ROVING DAC

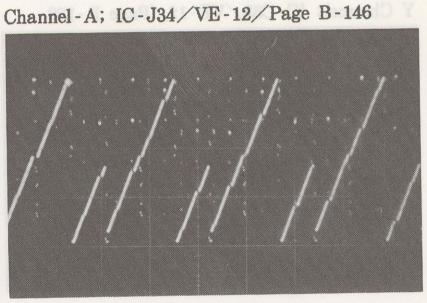
S1-1/2/3 ····· ON

S1-4 ····· OFF

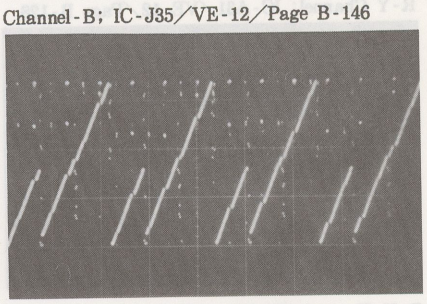
Setting of Switches/Jumpers (DVPC-1000)

Refer to page B-2.

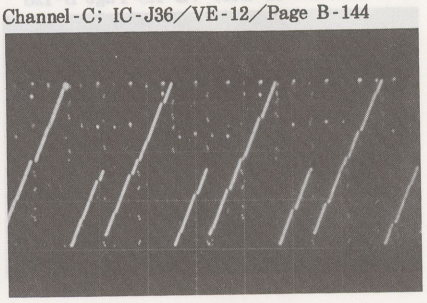
Channel-A; IC-J34/VE-12/Page B-146



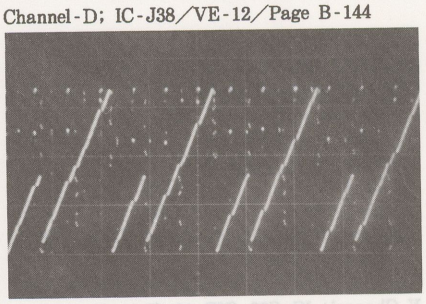
Channel-B; IC-J35/VE-12/Page B-146



Channel-C; IC-J36/VE-12/Page B-144



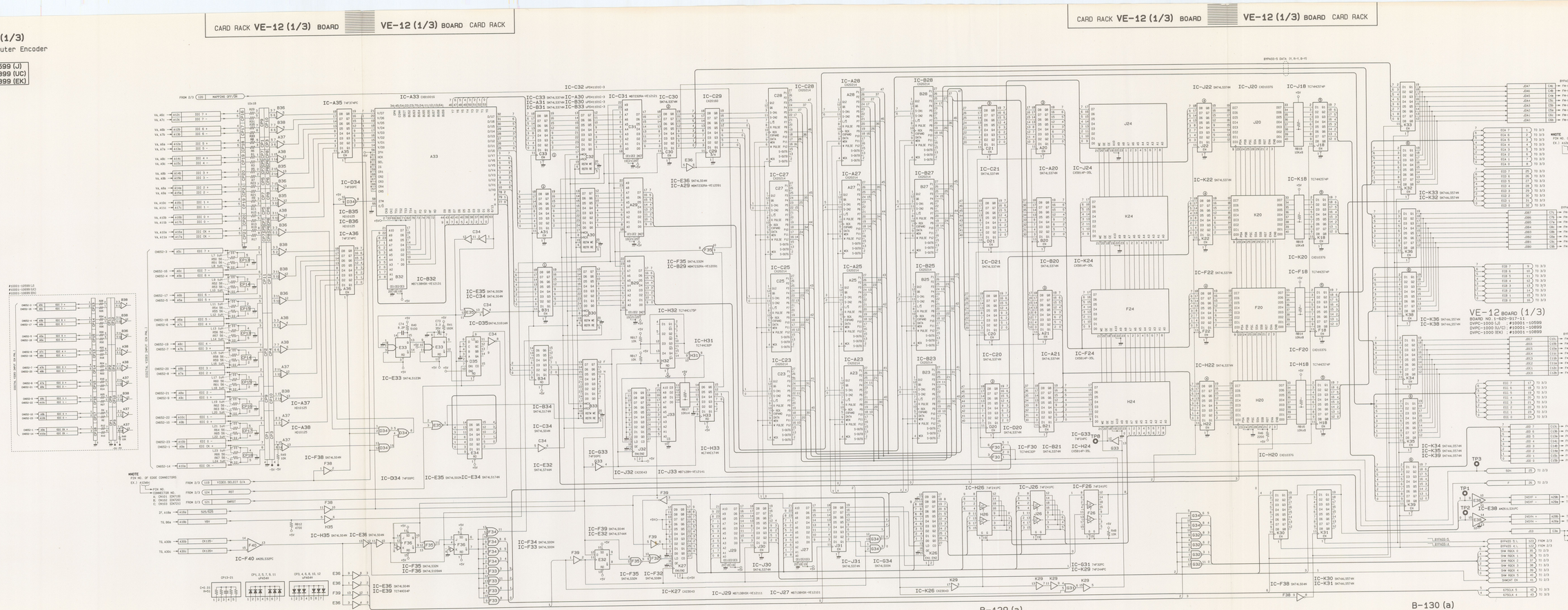
Channel-D; IC-J38/VE-12/Page B-144



VE-12 BOARD (1/3)

Video Outer Encoder

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



VE-12 BOARD (1/3)

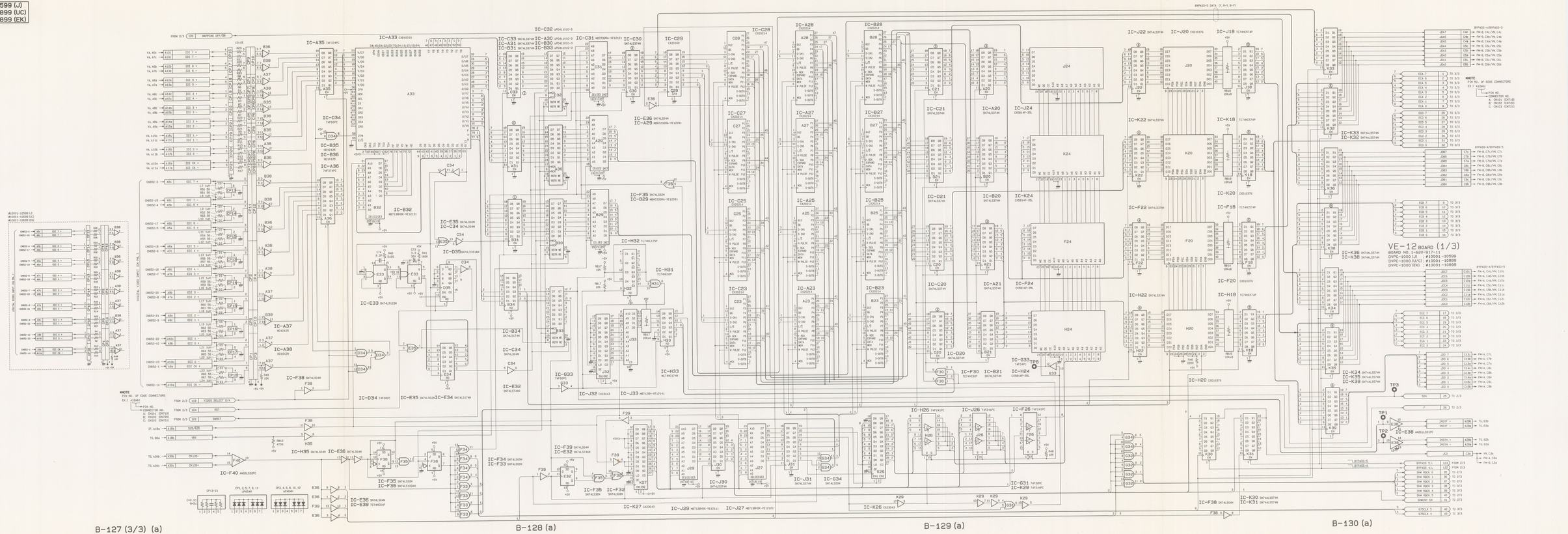
Video Outer Encoder

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

VE-12 (1/3) BOARD CARD RACK

CARD RACK VE-12 (1/3) BOARD

VE-12 (1/3) BOARD CARD RACK

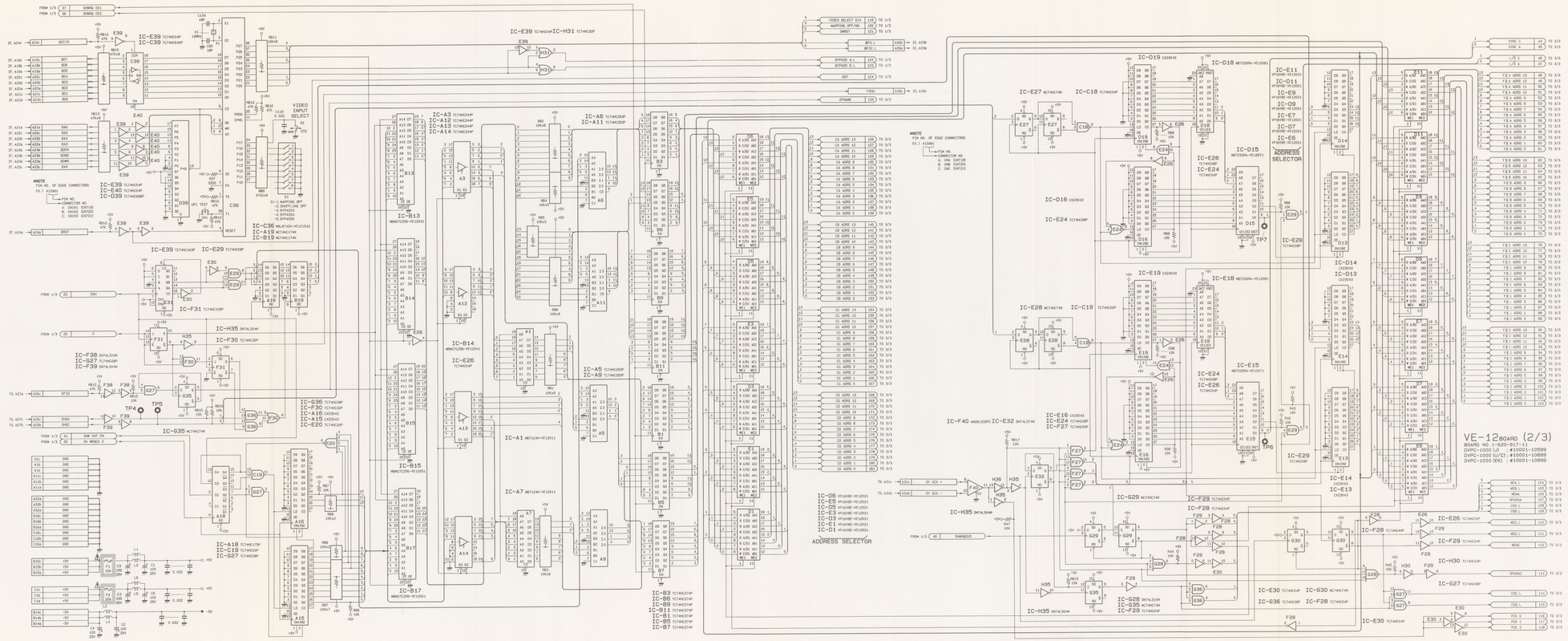


CARD RACK VE-12 (2/3) BOARD VE-12 (2/3) BOARD CARD RACK

VE-12 BOARD (2/3)

Video Outer Encoder

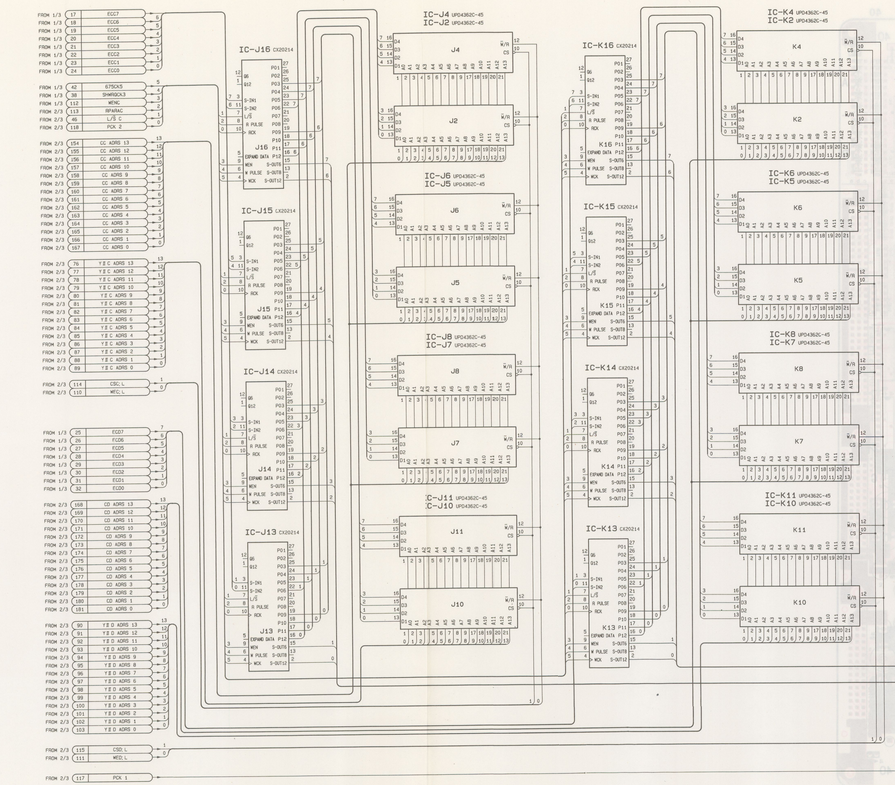
#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



VE-12 BOARD (3/3)

Video Outer Encoder

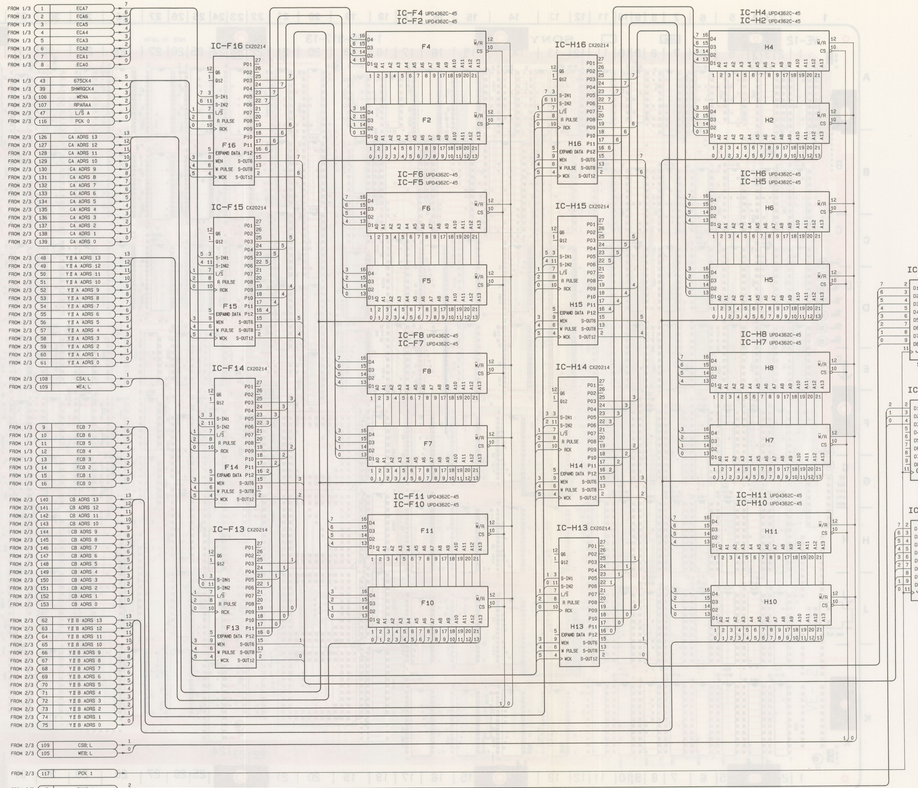
#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



B-143 (a)

B-144 (a)

CARD RACK VE-12 (3/3) BOARD VE-12 (3/3) BOARD CARD RACK



B-145 (a)

B-146 (a)

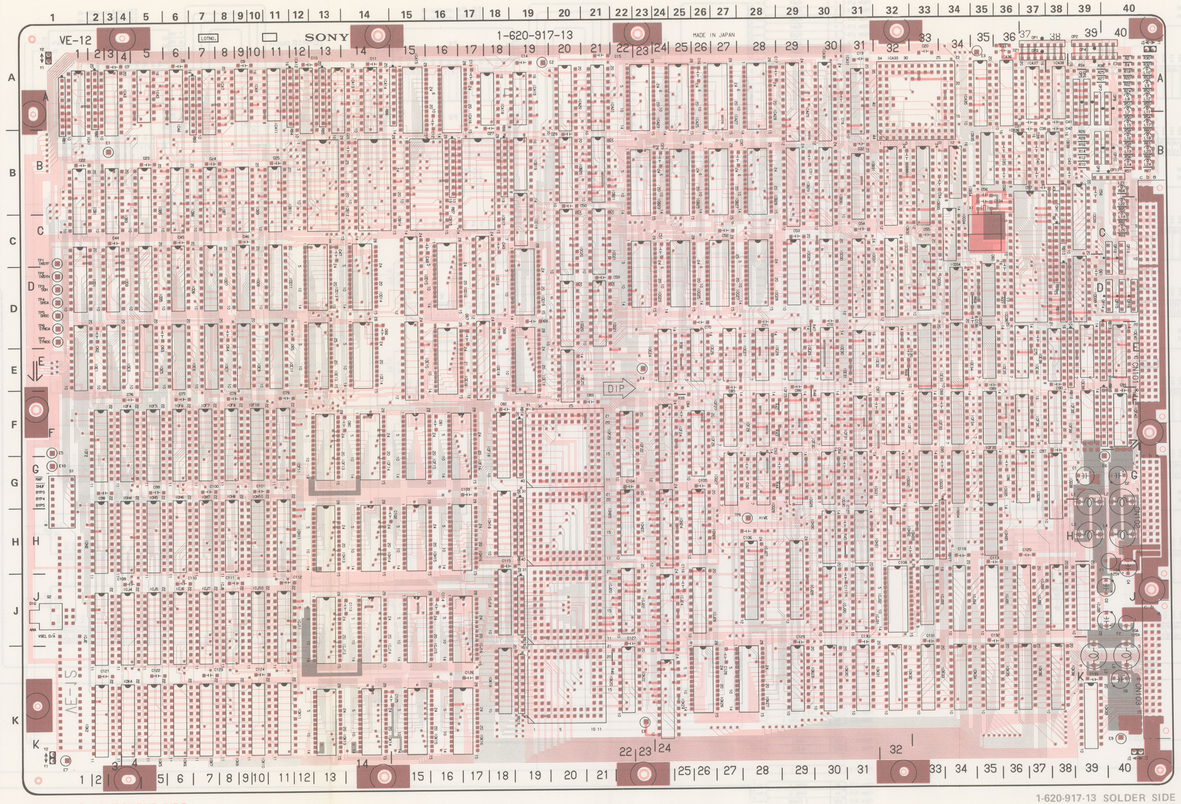
VE-12 BOARD (3/3)
BOARD NO.1-820-917-11
DVPC-1000 (J) : #10001-10599
DVPC-1000 (U/C) : #10001-10899
DVPC-1000 (EK) : #10001-10899

CARD RACK VE-12 BOARD VE-12 BOARD CARD RACK

VE-12 BOARD (1-620-917-13)

Component Side

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)



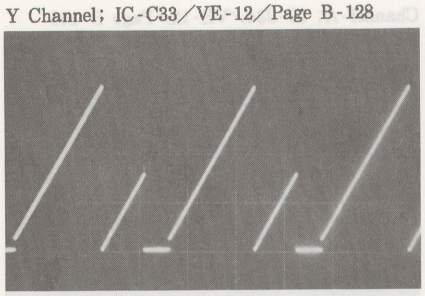
1-620-917-13 COMPONENT SIDE

1-620-917-13 SOLDER SIDE

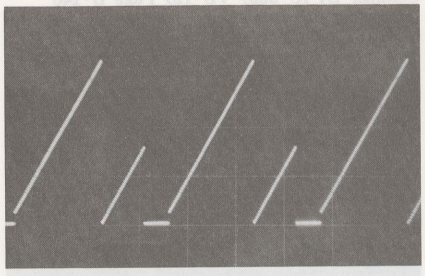
①INTERFACE DECODER OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON
Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

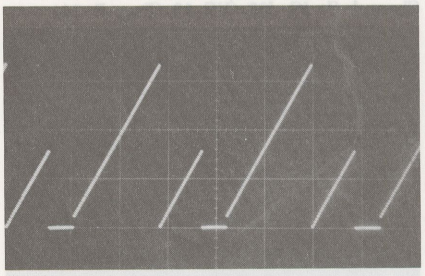
Y Channel; IC-C33/VE-12/Page B-128



R-Y Channel; IC-A31/VE-12/Page B-128



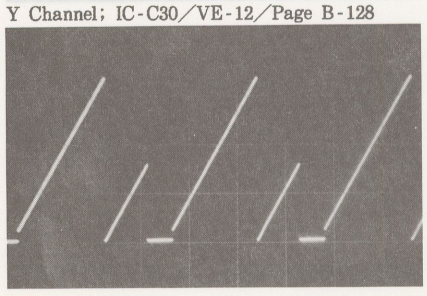
B-Y Channel; IC-B31/VE-12/Page B-128



②SOURCE MAPPING OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON
Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

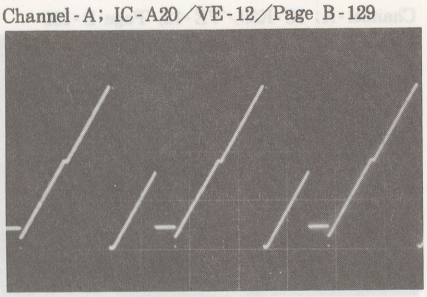
Y Channel; IC-C30/VE-12/Page B-128



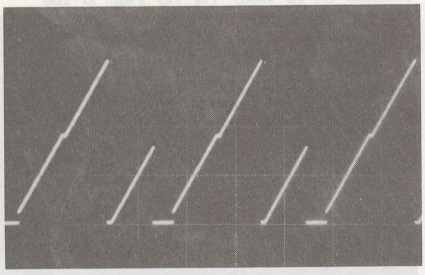
③HEAD INTERLEAVE OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON
Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

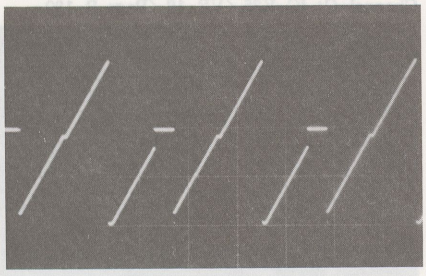
Channel-A; IC-A20/VE-12/Page B-129



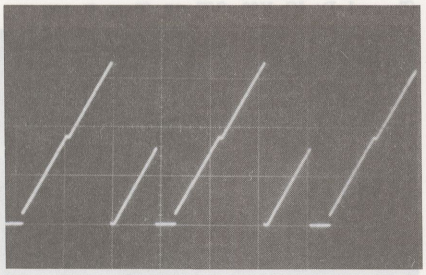
Channel-B; IC-A21/VE-12/Page B-129



Channel-C; IC-C21/VE-12/Page B-129



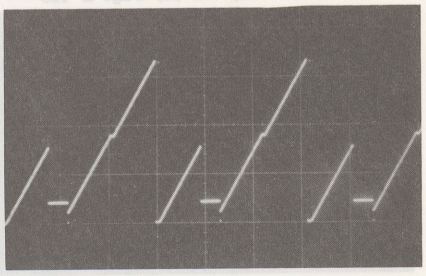
Channel-D; IC-D20/VE-12/Page B-129



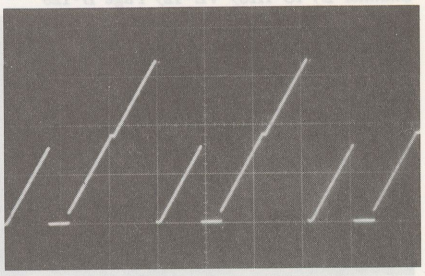
④OUTER ENCODER OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON
Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

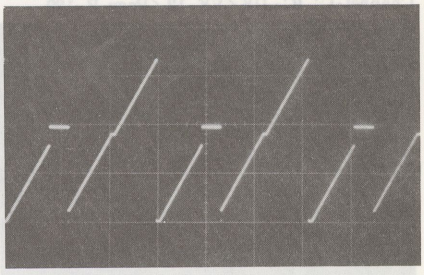
Channel-A; IC-F22/VE-12/Page B-129



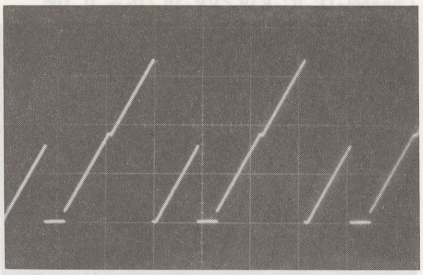
Channel-B; IC-H22/VE-12/Page B-129



Channel-C; IC-J22/VE-12/Page B-129



Channel-D; IC-K22/VE-12/Page B-129



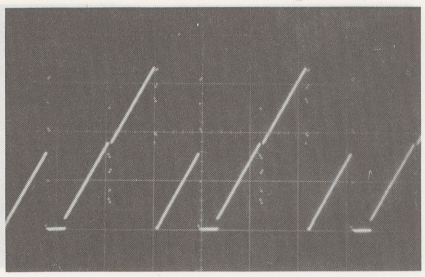
⑤OUTER ENCODER OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

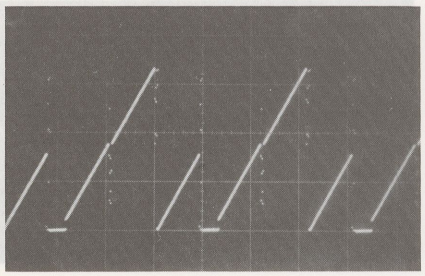
Setting of ROVING DAC
S1-1/2/3 ····· ON
S1-4 ····· OFF

Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

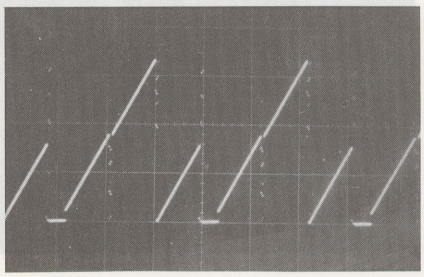
Channel-A; IC-F18/VE-12/Page B-129



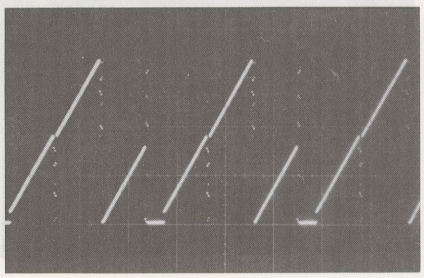
Channel-B; IC-H18/VE-12/Page B-129



Channel-C; IC-J18/VE-12/Page B-129



Channel-D; IC-K18/VE-12/Page B-129



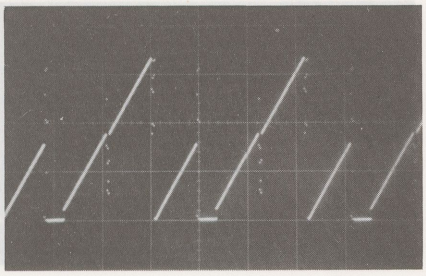
⑥BYPASS-4 OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

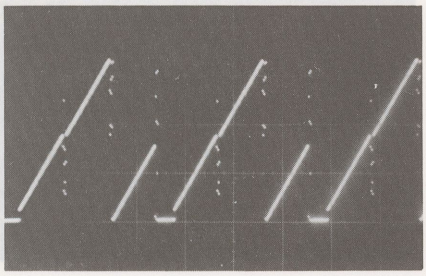
Setting of ROVING DAC
S1-1/2/3 ····· ON
S1-4 ····· OFF

Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

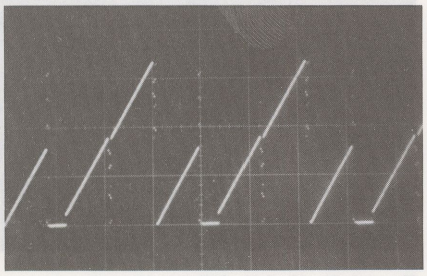
Channel-A; IC-K32/VE-12/Page B-130



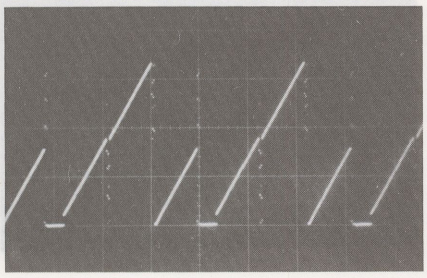
Channel-B; IC-K38/VE-12/Page B-130



Channel-C; IC-K35/VE-12/Page B-130



Channel-D; IC-K39/VE-12/Page B-130



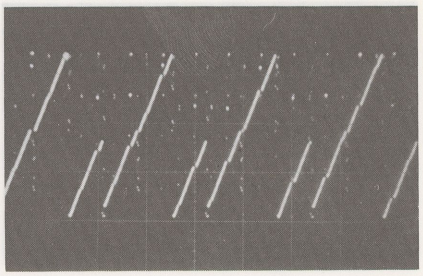
⑦SHUFFLING OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP4 (A/B-CH) TP5 (C/D-CH) /VE-12

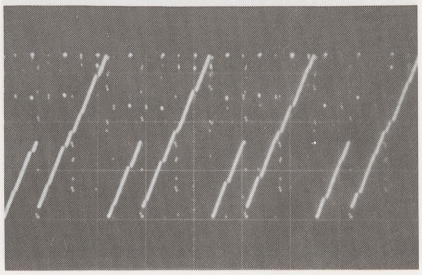
Setting of ROVING DAC
S1-1/2/3 ····· ON
S1-4 ····· OFF

Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

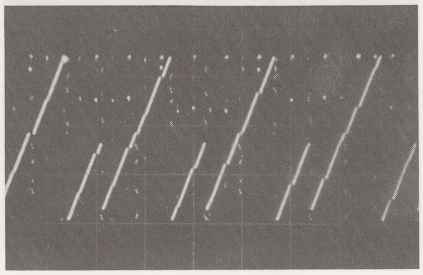
Channel-A; IC-J34/VE-12/Page B-146



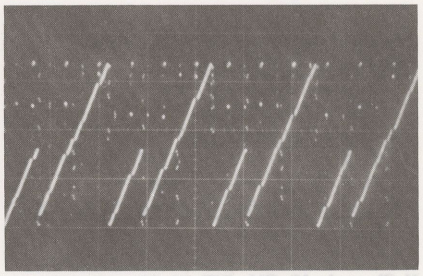
Channel-B; IC-J35/VE-12/Page B-146



Channel-C; IC-J36/VE-12/Page B-144



Channel-D; IC-J38/VE-12/Page B-144

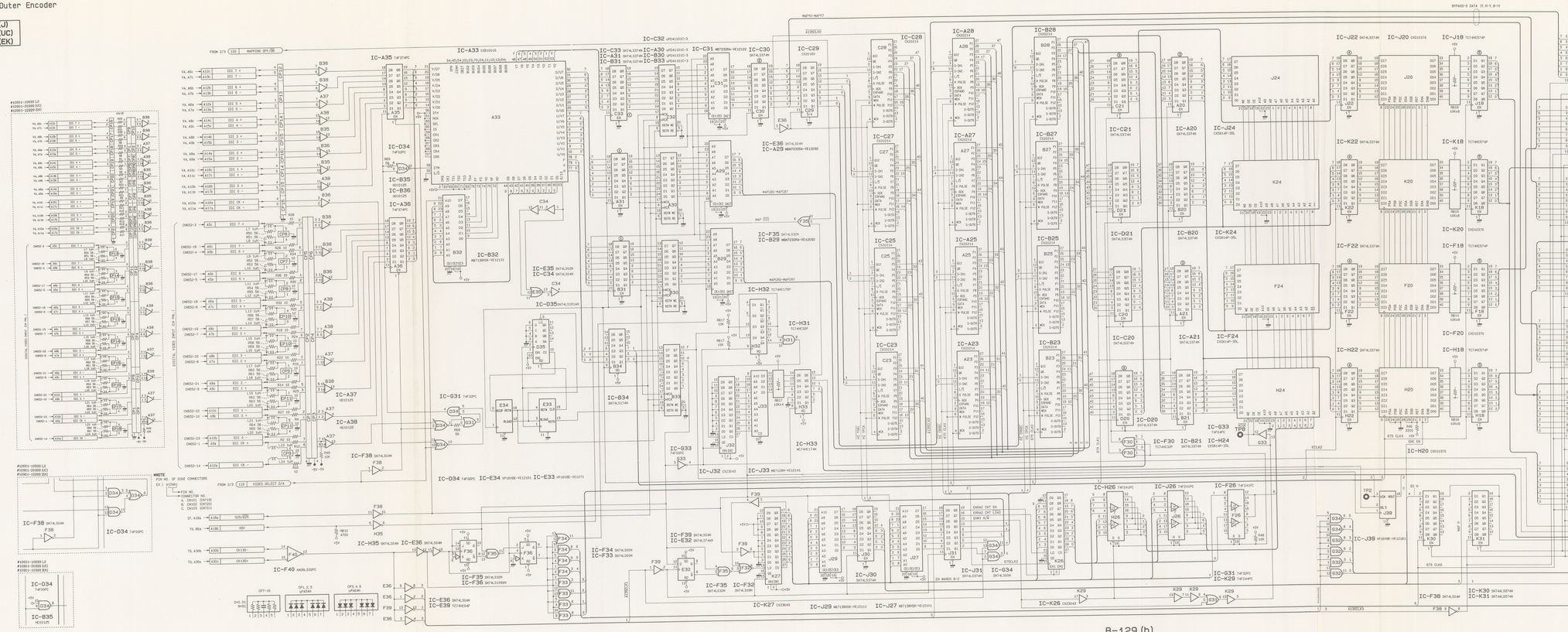


CARD RACK VE-12 (1/3) BOARD VE-12 (1/3) BOARD CARD RACK

VE-12 BOARD (1/3)

Video Outer Encoder

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

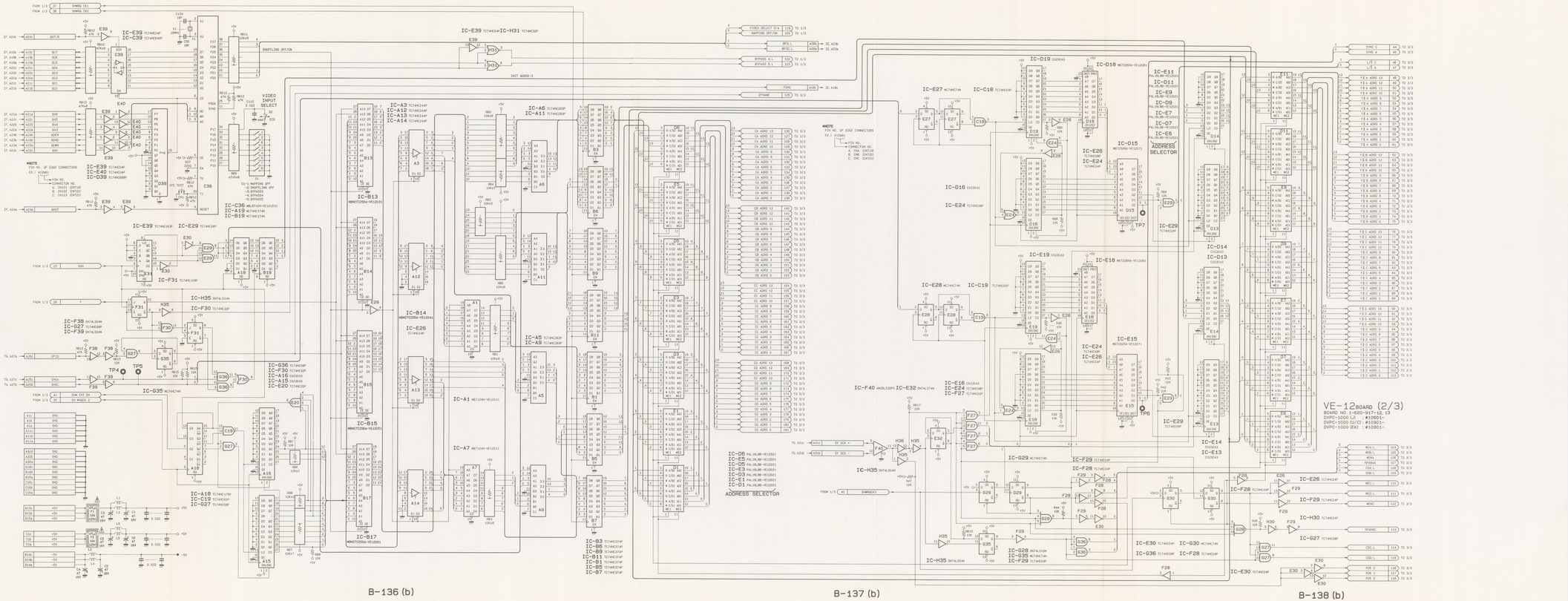


CARD RACK VE-12 (2/3) BOARD VE-12 (2/3) BOARD CARD RACK

VE-12 BOARD (2/3)

Video Outer Encoder

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

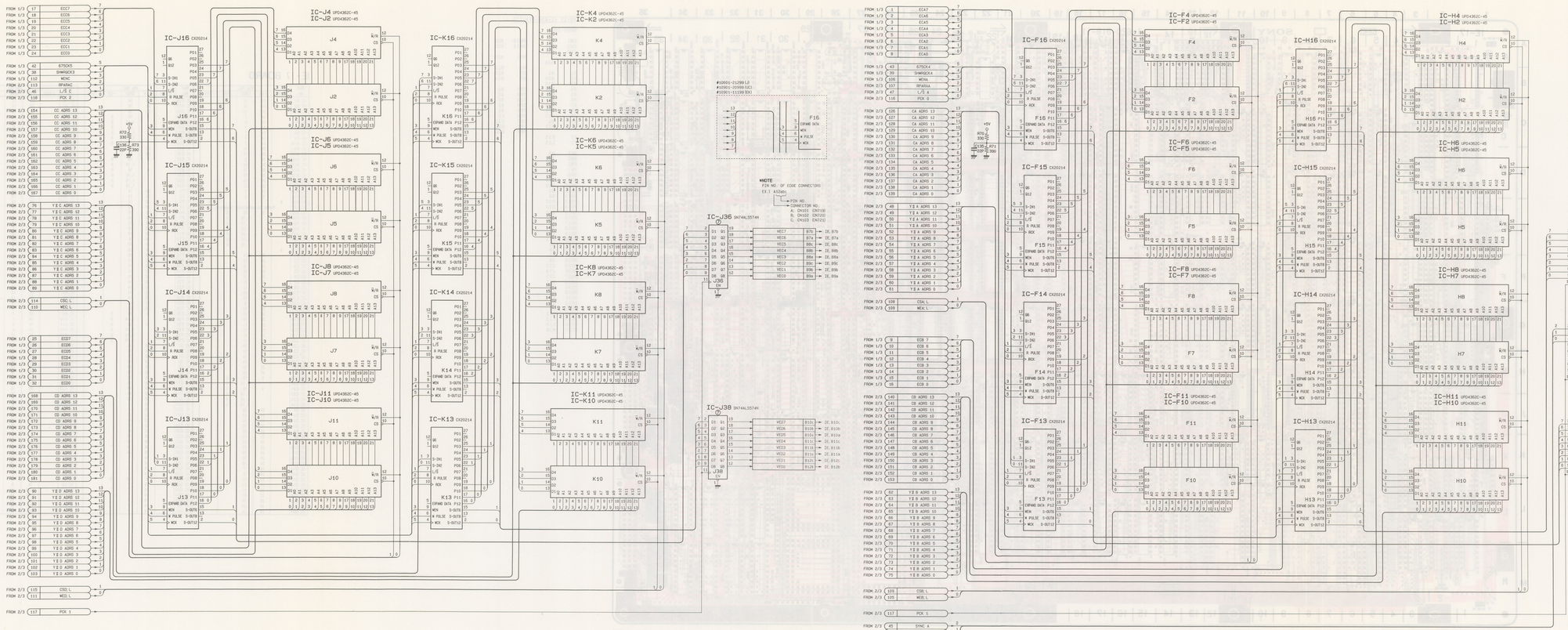


CARD RACK VE-12 (3/3) BOARD VE-12 (3/3) BOARD CARD RACK

VE-12 BOARD (3/3)

Video Outer Encoder

#10601 & UP(J)
#10901 & UP(UC)
#10901 & UP(EK)

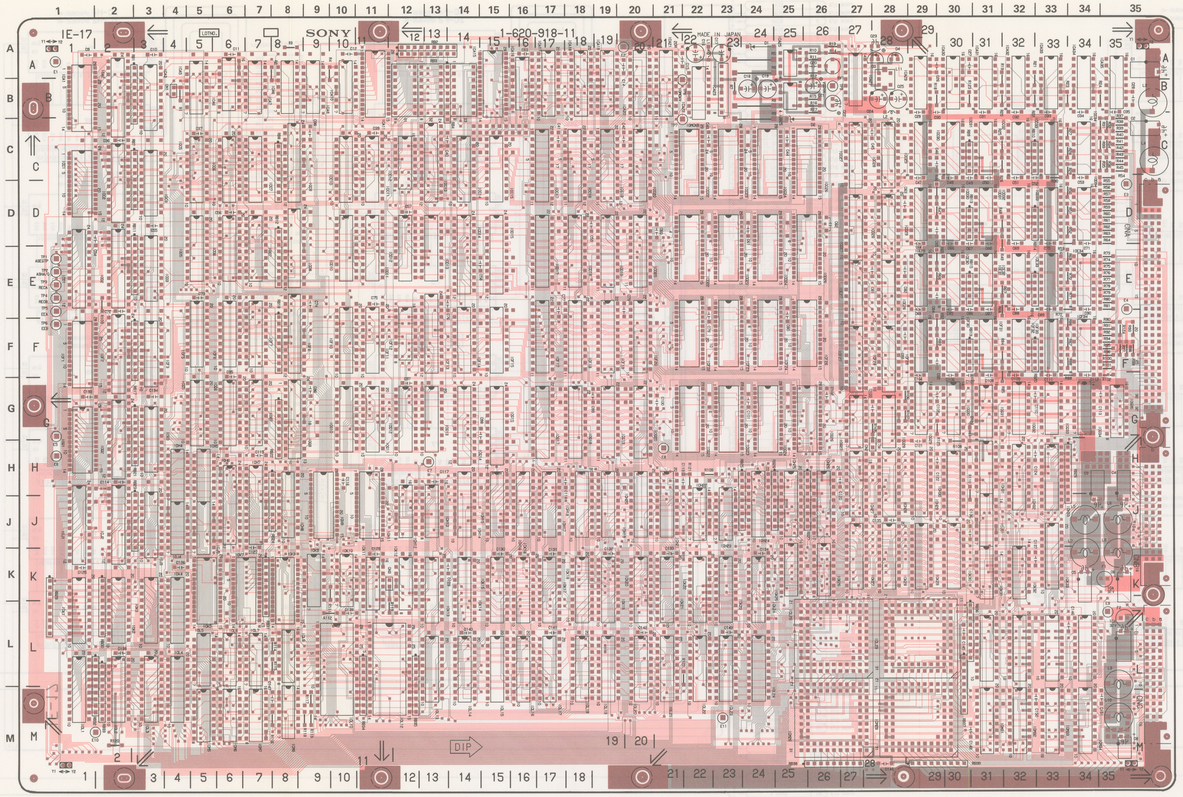


VE-12 BOARD (3/3)
BOARD NO. 1-820-917-12, 13
DVPC-1000 (J) : #10601-
DVPC-1000 (U/C) : #10901-
DVPC-1000 (EK) : #10901-

IE-17 BOARD (1-620-918-11)

Component Side

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



1-620-918-11 COMPONENT SIDE

1-620-918-11 SOLDER SIDE

IE-17 (1-620-918-11)

DVPC-1000

CN1	B4	RB38	M26
CN2	H27	RB39	M29
CN3	K11		
		RV1	A26
D1	A24		
		S1	B12
E1	A1	S2	B13
E2	A20	S3	B14
E3	D35		
E4	E35	TP1	E1
E5	G1	TP2	E1
E6	H1	TP3	E1
E7	H13	TP4	E1
E8	H21	TP5	E1
E9	L35	TP6	F1
E10	M1	TP7	C22
E11	M23	TP8	B22
		TP9	B26
F1	K35		
F2	L35		
RB1	B2		
RB2	A12		
RB3	A12		
RB7	C2		
RB8	C8		
RB9	C30		
RB10	C32		
RB11	E2		
RB12	E8		
RB13	D30		
RB14	D32		
RB15	E30		
RB16	E32		
RB17	F2		
RB18	F8		
RB19	F30		
RB20	F32		
RB21	G2		
RB22	G8		
RB23	J2		
RB24	J8		
RB25	J23		
RB26	J24		
RB27	J25		
RB28	B33		
RB29	L2		
RB30	L8		
RB31	K7		
RB32	L1		
RB33	M2		
RB34	L31		
RB35	L12		
RB36	L30		
RB37	M30		

CARD RACK IE-17 BOARD IE-17 BOARD CARD RACK

IE-17 BOARD

Ref. No.	Pin No. +18V	+5V	GND	-5V	-18V
IC A1		28	14		
IC A3		24	12		
IC A4		20	10		
IC A5		14	7		
IC A6		16	8		
IC A7		14	7		
IC A8		14	7		
IC A9		14	7		
IC A10		14	7		
IC A11		28	14		
IC A15		28	14		
IC A16		16	8		
IC A17		20	10		
IC A18		20	10		
IC A19		20	10		
IC A20		20	10		
IC A21		20	10		
IC A22		14	7		
IC A23		5	8		
IC A25	8				4
IC A27					
IC A29		9	16	8	
IC A30			1,16	8	
IC A31			1,16	8	
IC A32			1,16	8	
IC A33			1,16	8	
IC A34			1,16	8	
IC A35			1,16	8	
IC B25	8				4
IC C1		28	14		
IC C2		24	12		
IC C3		20	10		
IC C5		20	10		
IC C6		20	10		
IC C7		20	10		
IC C8		24	12		
IC C10		20	10		
IC C11		20	10		
IC C12		16	8		
IC C13		14	13		
IC C14		20	10		
IC C15		20	10		
IC C17		22	11		
IC C18		22	11		
IC C19		22	11		
IC C20		22	11		
IC C22		28	14		
IC C23		28	14		
IC C24		28	14		
IC C26		28	14		
IC C27		20	10		
IC C28		20	10		
IC C29		9	16	8	
IC C30			1,16	8	
IC C31		9	16	8	
IC C32			1,16	8	
IC C33			1,16	8	
IC C34			1,16	8	
IC D1		24	12		
IC D2		24	12		
IC D3		20	10		
IC D5		20	10		
IC D6		20	10		
IC D7		20	10		
IC D8		24	12		
IC D10		20	10		
IC D11		20	10		
IC D12		20	10		
IC D13		20	10		
IC D14		18	7		
IC D15		16	7		
IC D17		22	11		
IC D18		22	11		
IC D19		22	11		
IC D20		22	11		
IC D22		28	14		
IC D23		28	14		
IC D24		28	14		

Ref. No.	Pin No. +18V	+5V	GND	-5V	-18V
IC D26		28	14		
IC D27		20	10		
IC D28		20	10		
IC D29		9	16	8	
IC D30			1,16	8	
IC D31		9	16	8	
IC D32			1,16	8	
IC D33			1,16	8	
IC D34			1,16	8	
IC E27		20	10		
IC E28		20	10		
IC E29		9	16	8	
IC E30			1,16	8	
IC E31		9	16	8	
IC E32			1,16	8	
IC E33			1,16	8	
IC E34			1,16	8	
IC F1		28	14		
IC F2		24	12		
IC F3		20	10		
IC F5		20	10		
IC F6		20	10		
IC F7		20	10		
IC F8		24	12		
IC F10		20	10		
IC F11		20	10		
IC F12		16	8		
IC F13		24	12		
IC F14		20	10		
IC F19		20	10		
IC F20		22	11		
IC F18		22	11		
IC F19		22	11		
IC F20		22	11		
IC F22		28	14		
IC F23		28	14		
IC F24		28	14		
IC F26		28	14		
IC F27		20	10		
IC F28		20	10		
IC F29		9	16	8	
IC F30			1,16	8	
IC F31		9	16	8	
IC F32			1,16	8	
IC F33			1,16	8	
IC F34			1,16	8	
IC G1		28	14		
IC G2		24	12		
IC G3		20	10		
IC G5		20	10		
IC G6		20	10		
IC G7		20	10		
IC G8		24	12		
IC G10		20	10		
IC G11		20	10		
IC G12		20	10		
IC G13		20	10		
IC G14		18	7		
IC G15		18	7		
IC G17		22	11		
IC G18		22	11		
IC G19		22	11		
IC G20		22	11		
IC G22		28	14		
IC G23		28	14		
IC G24		28	14		
IC G26		28	14		
IC G27		14	7		
IC G28		14	7		
IC G29		14	7		
IC G30		9		16	8
IC G31		14	7		
IC G32		14	7		
IC G33		14	7		
IC G34		14	7		
IC G35		16	8		
IC H4		14	7		
IC H5		14	7		

Ref. No.	Pin No. +18V	+5V	GND	-5V	-18V
IC H6		24	12		
IC H7		24	12		
IC H8		28	10		
IC H9		28	14		
IC H11		28	14		
IC H12		16	8		
IC H13		16	8		
IC H14		20	10		
IC H15		20	10		
IC H16		20	10		
IC H17		20	10		
IC H18		20	10		
IC H19		20	10		
IC H20		20	10		
IC H21		20	10		
IC H22		14	7		
IC H23		14	7		
IC H24		20	10		
IC H25		20	10		
IC H26		20	10		
IC H27		20	10		
IC H28		20	10		
IC H29		20	10		
IC H30		20	10		
IC H31		14	7		
IC H32		20	10		
IC H33		20	10		
IC J1		24	12		
IC J2		24	12		
IC J3		20	10		
IC J8		14	7		
IC J9		14	7		
IC J31		14	7		
IC K1		20	10		
IC K2		20	10		
IC K3		20	10		
IC K4		20	10		
IC K5		28	14		
IC K7		28	14		
IC K8		28	14		
IC K9		14	7		
IC K10		14	7		
IC K11		16	8		
IC K12		16	8		
IC K13		20	10		
IC K14		20	10		
IC K15		20	10		
IC K16		20	10		
IC K17		20	10		
IC K18		20	10		
IC K19		20	10		
IC K20		20	10		
IC K21		20	10		
IC K22		20	10		
IC K23		20	10		
IC K24		20	10		
IC K25		16	8		
IC K26		16	8		
IC K27		20	10		
IC K28		20	10		
IC K29		20	10		
IC K30		20	10		
IC K31		14	7		
IC K32		14	7		
IC K33		20	10		
IC L1		20	10		
IC L2		20	10		
IC L3		20	10		
IC L4		20	10		
IC L5		14	7		
IC L6		14	7		
IC L7		14	7		
IC L8		16	8		
IC L10		1,28	14		
IC L12		1,28	14		
IC L13		20	10		
IC L14		20	10		
IC L15		20	10		

Ref. No.	Pin No. +18V	+5V	GND	-5V	-18V
IC L16		20	10		
IC L17		20	10		
IC L18		20	10		
IC L19		20	10		
IC L20		28	14		
IC L21		16	8		
IC L22		16	8		
IC L23		20	10		
IC L24		20	10		
IC L26		41,49, 57,65	42,48, 58,64		
IC L29		41,49, 57,65	42,48, 58,64		
IC L31		20	10		
IC L32		20	10		
IC L33		20	10		
IC L34		20	10		
IC M5		16	8		
IC M6		16	8		
IC M7		16	8		
IC M8		14	7		
IC M26		41,49, 57,65	42,48, 58,64		
IC M29		41,49, 57,65	42,48, 58,64		
IC M33		20	10		
IC M32		20	10		
IC M34		20	10		
IC M34		20	10		

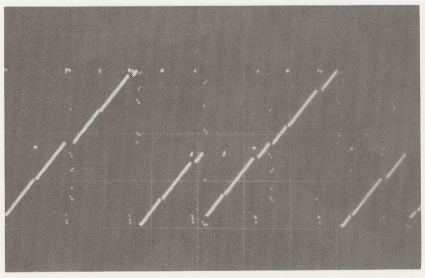
①IE-17 BOARD INPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

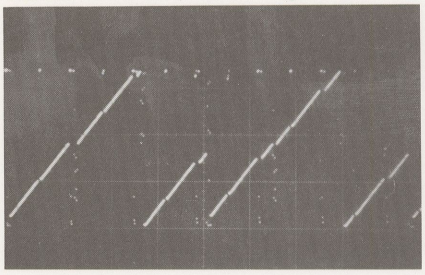
Setting of ROVING DAC
S1-1/2/3 ····· ON
S1-4 ····· OFF

Setting of Switches/Jumpers (DVPC-1000)
Refer to page B-2.

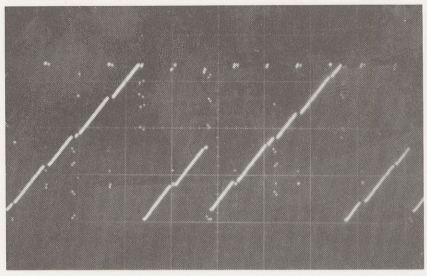
Channel-A; IC-H30/IE-17/Page B-160



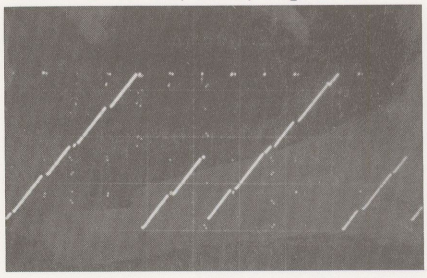
Channel-B; IC-H29/IE-17/Page B-160



Channel-C; IC-K30/IE-17/Page B-160



Channel-D; IC-K29/IE-17/Page B-160



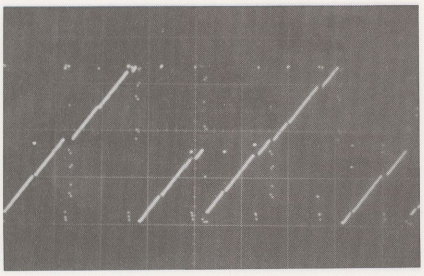
②INNER ENCODER INPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

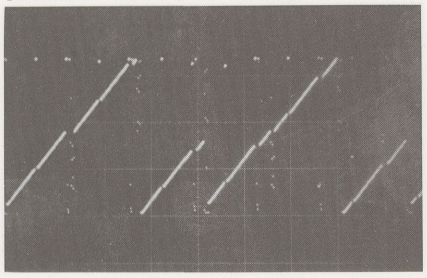
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switchers/Jumpers (DVPC-1000)
Refer to page B-2.

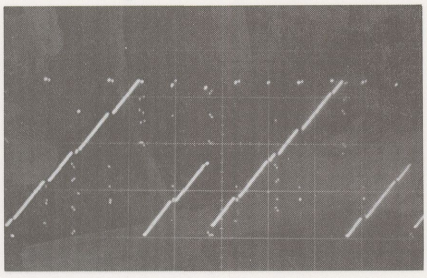
Channel-A; IC-H28/IE-17/Page B-161



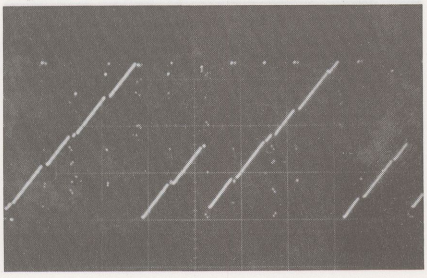
Channel-B; IC-H27/IE-17/Page B-161



Channel-C; IC-K28/IE-17/Page B-161



Channel-D; IC-K27/IE-17/Page B-161



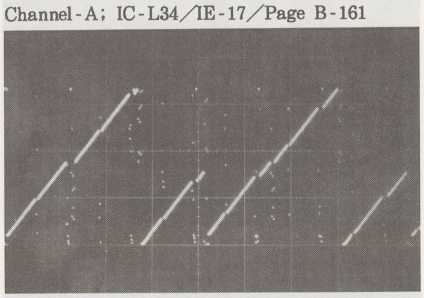
③BYPASS-3 OUTPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

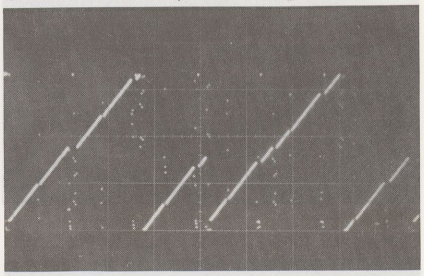
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)
S1-3/VE-12 ····· ON
S1-4/VE-12 ····· OFF
S1-5/VE-12 ····· OFF
For other settings, refer to page B-2.

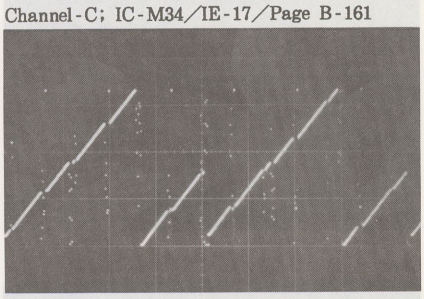
Channel-A; IC-L34/IE-17/Page B-161



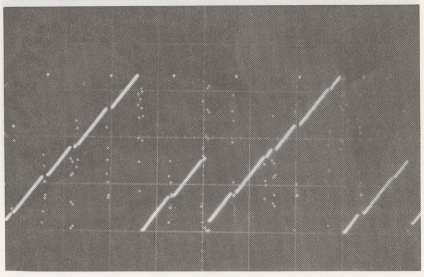
Channel-B; IC-L32/IE-17/Page B-161



Channel-C; IC-M34/IE-17/Page B-161



Channel-D; IC-M32/IE-17/Page B-161



④ID ENCODER & SYNC ADD OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

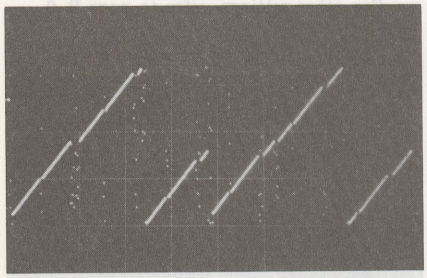
S1-1 ····· OFF

S1-2/3/4 ····· ON

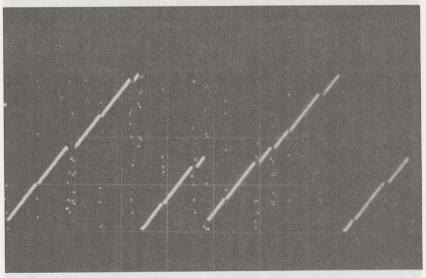
Setting of Switches/Jumpers (DVPC-1000)

Refer to page B-2.

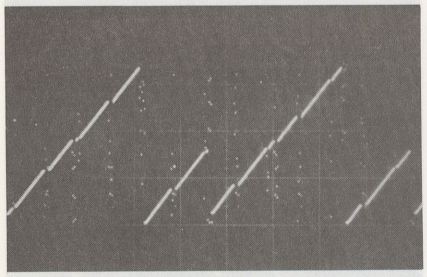
Channel-A; IC-C7/IE-17/Page B-167



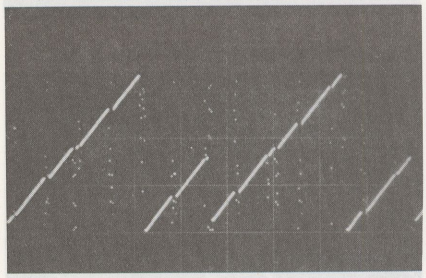
Channel-B; IC-D7/IE-17/Page B-167



Channel-C; IC-F7/IE-17/Page B-174



Channel-D; IC-G7/IE-17/Page B-174



⑤SCRAMBLER OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

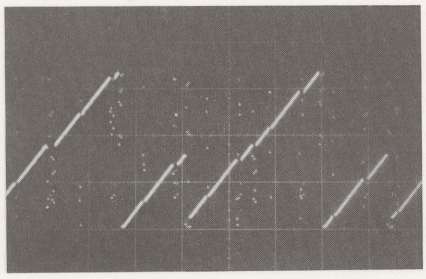
S1-1 ····· OFF

S1-2/3/4 ····· ON

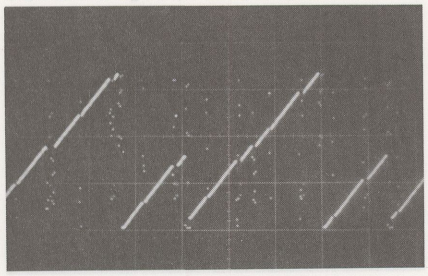
Setting of Switches/Jumpers (DVPC-1000)

Refer to page B-2.

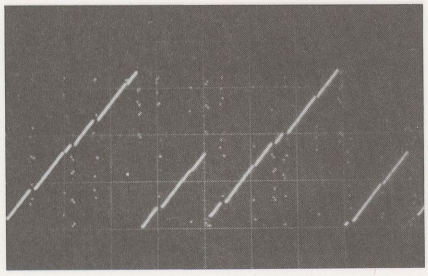
Channel-A; IC-L34/IE-17/Page B-161



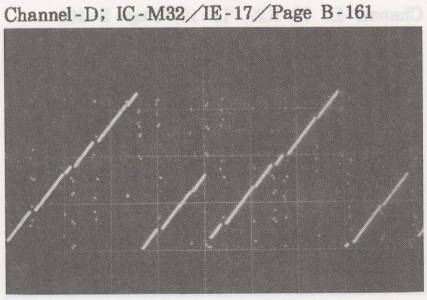
Channel-B; IC-L32/IE-17/Page B-161



Channel-C; IC-M34/IE-17/Page B-161



Channel-D; IC-M32/IE-17/Page B-161

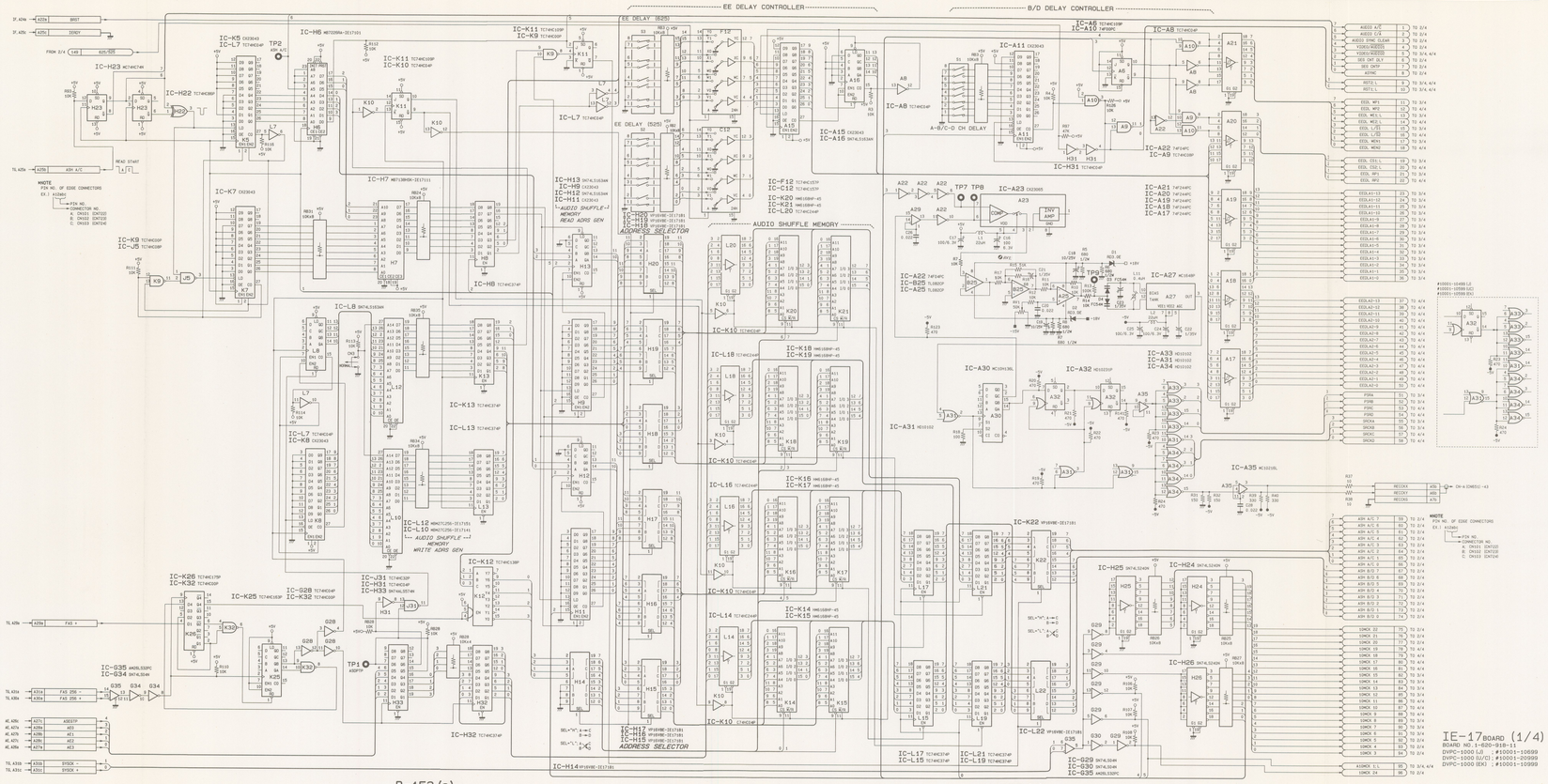


CARD RACK IE-17 (1/4) BOARD IE-17 (1/4) BOARD CARD RACK

IE-17 BOARD (1/4)

Inner Encoder

#10001 TO 10899 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)


EE DELAY CONTROLLER
B/D DELAY CONTROLLER
AUDIO SHUFFLE MEMORY
EE DELAY (625)
EE DELAY (525)
ADDRESS SELECTOR
AUDIO SHUFFLE MEMORY READ ADRS GEN
AUDIO SHUFFLE MEMORY WRITE ADRS GEN
A-B/C-D CH DELAY
IC-K5 CX20343
IC-L7 TC74HC04P
IC-H5 MB7020PW-JE1F181
IC-K11 TC74HC109P
IC-K9 TC74HC20P
IC-K10 TC74HC04P
IC-H7 MB7138HDK-JE1F111
IC-H8 TC74HC374P
IC-K7 CX20343
IC-K9 TC74HC00P
IC-J5 TC74HC00P
IC-L8 SN74LS163AN
IC-K13 TC74HC374P
IC-L13 TC74HC374P
IC-L7 TC74HC04P
IC-K8 CX20343
IC-L12 MB7027PS-JE1F181
IC-L10 MB7027PS-JE1F141
IC-K12 TC74HC138P
IC-K26 TC74HC175P
IC-K32 TC74HC00P
IC-K25 TC74HC163P
IC-G28 TC74HC04P
IC-H32 TC74HC374P
IC-H14 MF8189E-JE1F181
IC-H13 SN74LS163AN
IC-H9 CX20343
IC-H12 SN74LS163AN
IC-H11 CX20343
IC-H20 MF8189E-JE1F181
IC-H19 MF8189E-JE1F181
IC-H18 MF8189E-JE1F181
IC-H17 MF8189E-JE1F181
IC-H16 MF8189E-JE1F181
IC-H15 MF8189E-JE1F181
IC-F12 TC74HC157P
IC-C12 TC74HC157P
IC-K20 HM61189F-45
IC-K21 HM61189F-45
IC-L20 TC74HC244P
IC-K18 HM61189F-45
IC-K19 HM61189F-45
IC-L16 TC74HC244P
IC-K16 HM61189F-45
IC-K17 HM61189F-45
IC-L14 TC74HC244P
IC-K14 HM61189F-45
IC-K15 HM61189F-45
IC-A11 CX20343
IC-A10 74F00PC
IC-A8 TC74HC00P
IC-A15 CX20343
IC-A16 SN74LS163AN
IC-H31 TC74HC04P
IC-A23 CX20365
IC-A22 74F04PC
IC-A25 TL082CP
IC-A27 MC1594P
IC-A21 74F244PC
IC-A20 74F244PC
IC-A19 74F244PC
IC-A18 74F244PC
IC-A17 74F244PC
IC-A30 MC10H136L
IC-A32 HD10231P
IC-A33 HD10102
IC-A31 HD10102
IC-A34 HD10102
IC-A35 MC10231L
IC-K22 MF8189E-JE1F181
IC-L22 MF8189E-JE1F181
IC-L17 TC74HC374P
IC-L15 TC74HC374P
IC-L21 TC74HC374P
IC-L19 TC74HC374P
IC-H25 SN74LS240N
IC-H24 SN74LS240N
IC-H26 SN74LS240N
IC-G29 SN74LS04N
IC-G30 SN74LS04N
IC-G35 MA28LS32PC
IC-G34 SN74LS04N
IC-J23 TC74HC74N
IC-H22 TC74HC00P
TP2
TP1
TP7 TP8
TP9
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
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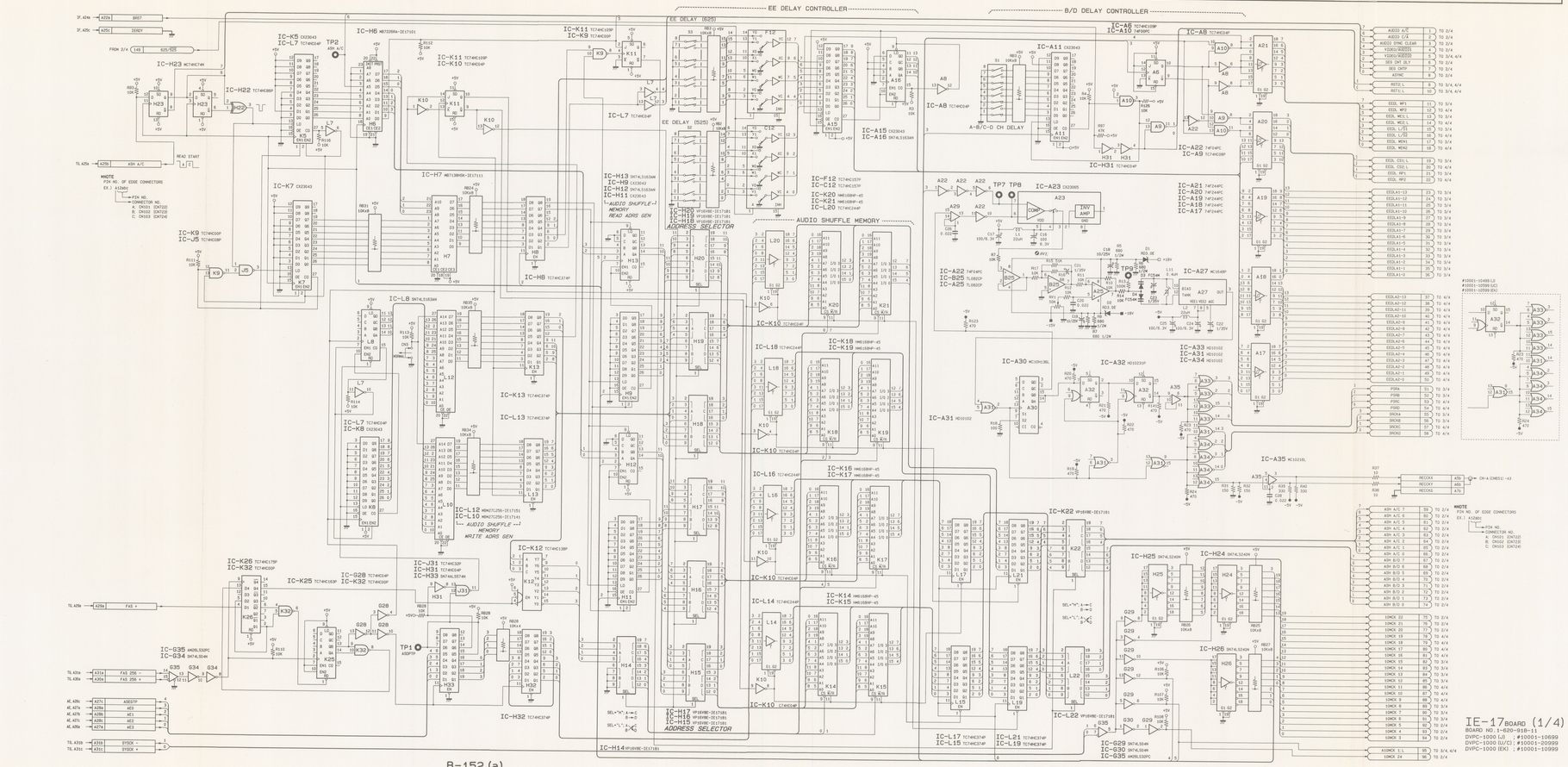
TP38
TP39
TP40
TP41
TP42
TP43
TP44
TP45
TP46

CARD RACK IE-17 (1/4) BOARD IE-17 (1/4) BOARD CARD RACK



B-151 (3/3) (a)

B-152 (a)

B-153 (a)

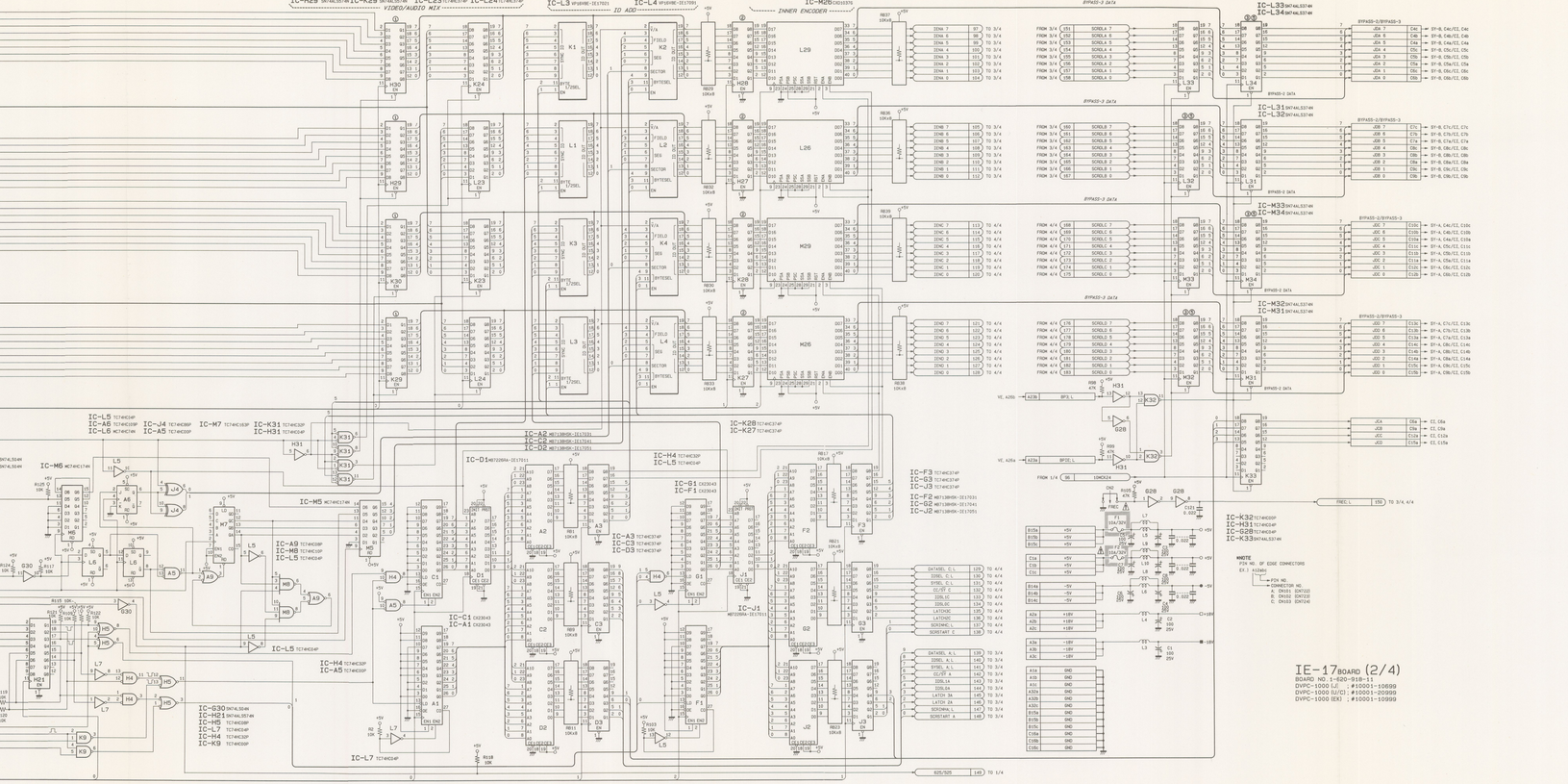
IE-17 BOARD (1/4)
BOARD NO. 1-620-918-11
DVPC-1000 (U) : #10001-10699
DVPC-1000 (U/J) : #10001-20999
DVPC-1000 (EK) : #10001-10999

B-154 (a)

IE-17 BOARD (2/4)

Inner Encoder

#10001 TO 10699 (J)
#10001 TO 10999 (UC)
#10001 TO 10999 (EK)



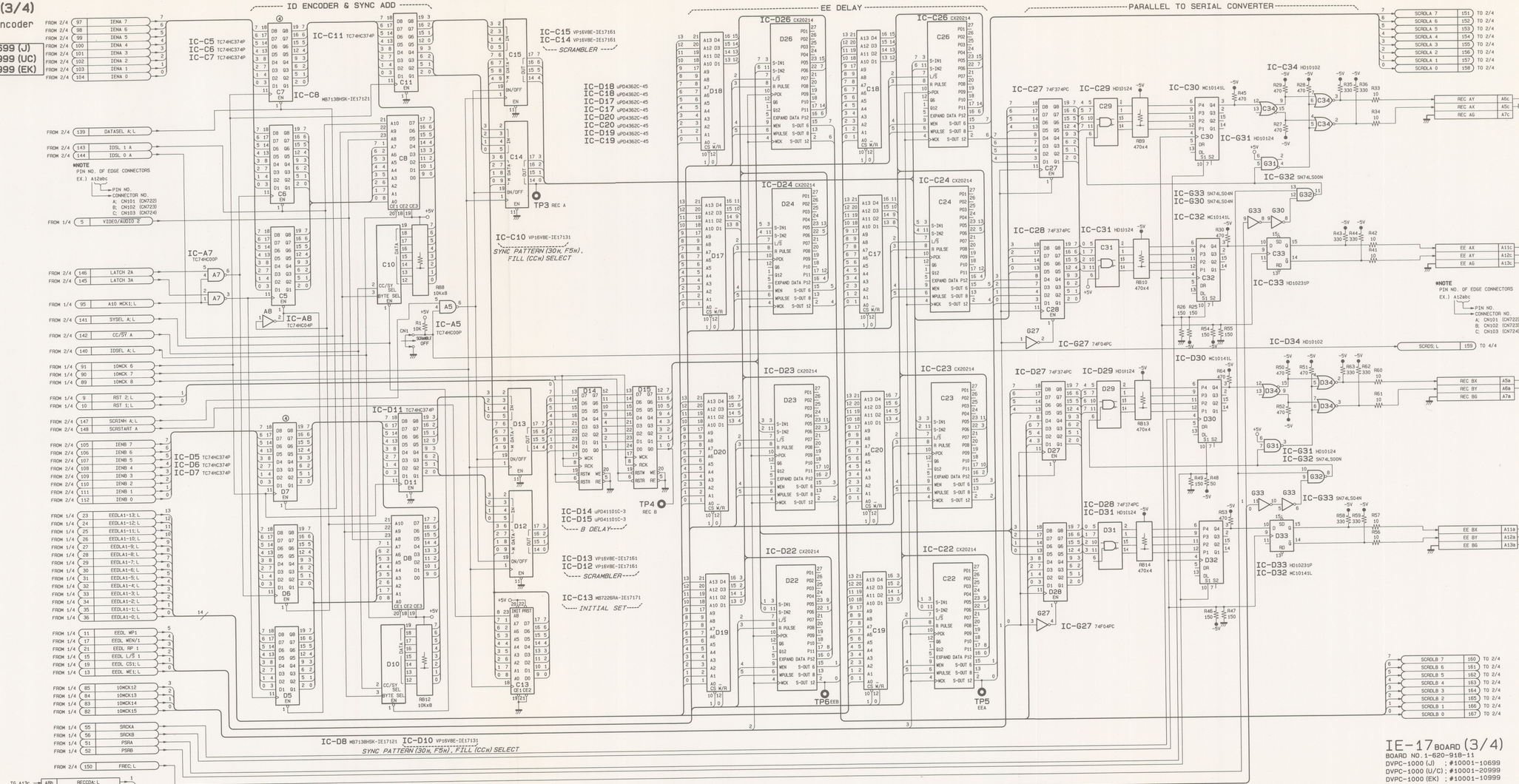
IE-17 (3/4) BOARD CARD RACK

CARD RACK IE-17 (3/4) BOARD

IE-17 BOARD (3/4)

Inner Encoder

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

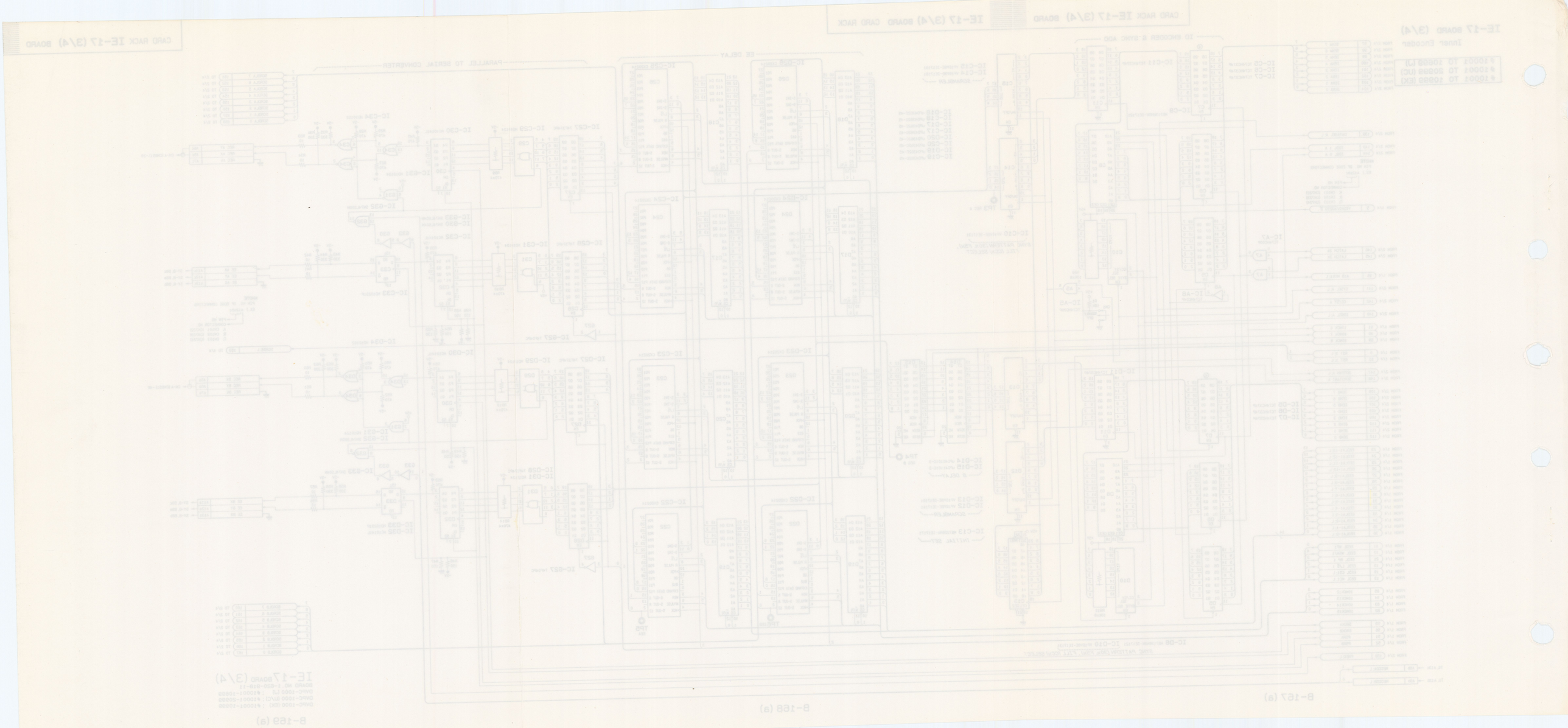


B-167 (a)

B-168 (a)

B-169 (a)

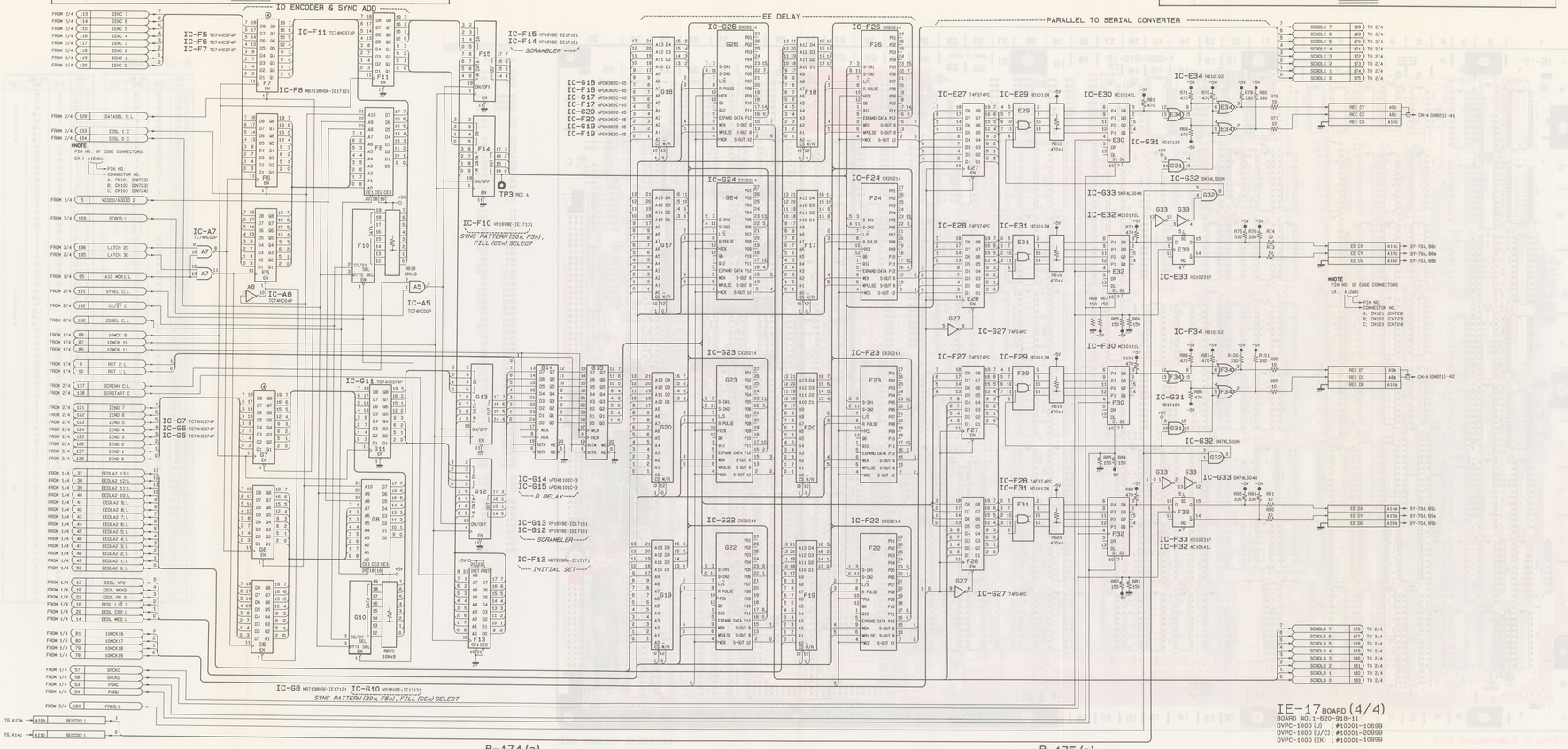
IE-17 BOARD (3/4)
BOARD NO.1-620-918-11
DVPC-1000 (J) ; #10001-10699
DVPC-1000 (U/C) ; #10001-20999
DVPC-1000 (EK) ; #10001-10999



IE-17 BOARD (4/4)

Inner Encoder

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



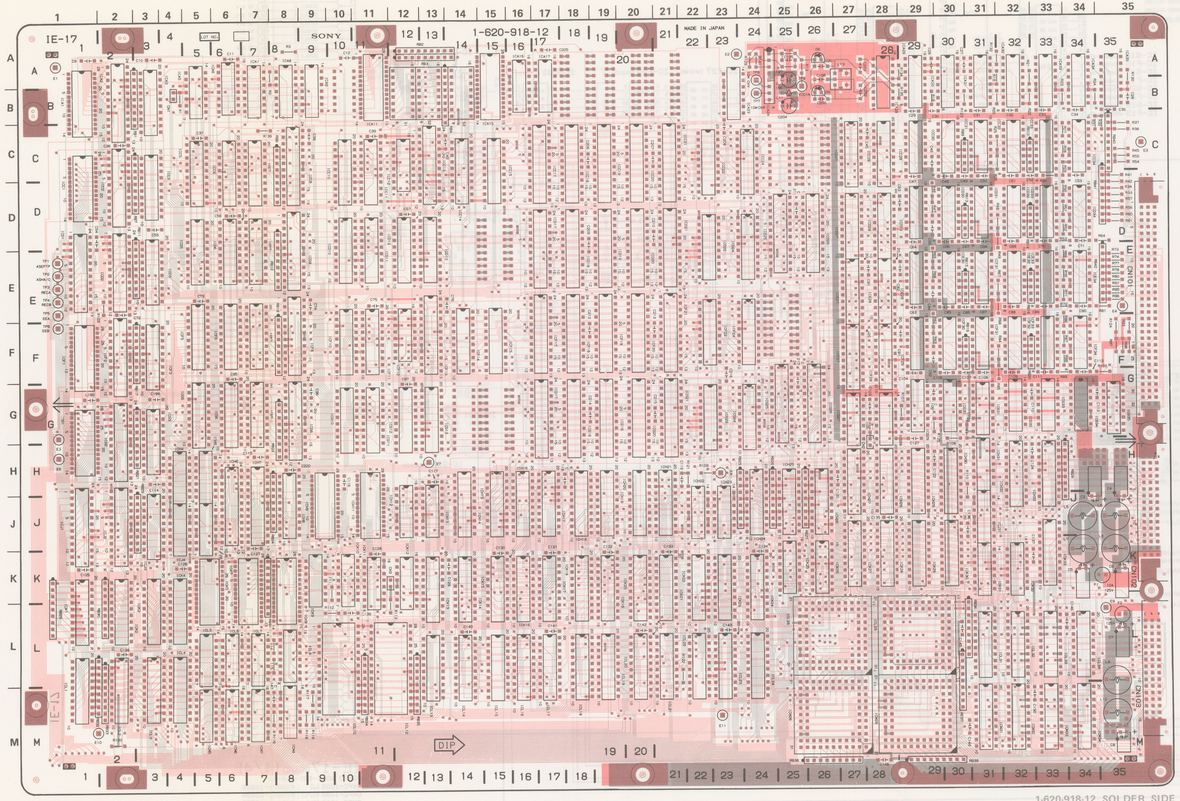
IE-17 BOARD (4/4)
BOARD NO. 1-620-918-11
DVPC-1000 (J) : #10001-10699
DVPC-1000 (UC) : #10001-20999
DVPC-1000 (EK) : #10001-10999

IE-17 BOARD CARD RACK

IE-17 BOARD (1-620-918-12)

Component Side

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



1-620-918-12 COMPONENT SIDE

1-620-918-12 SOLDER SIDE

CARD RACK IE-17 BOARD

IE-17 BOARD CARD RACK

IE-17 (1-620-918-12)

DVPC-1000

CN1	B4
CN2	H28
CN3	K11
CN101M	E35
CN102M	C35
CN103M	L35
D5	B26
D6	A26
E1	A1
E2	A23
E3	C35
E4	E35
E5	G1
E6	H1
E7	B23
E8	H23
E9	L35
E10	M1
E11	M23
F1	K35
F2	L35
RB1	B2
RB2	A12
RB3	A12
RB4	B14
RB7	C2
RB8	C8
RB9	C10
RB10	C32
RB11	E2
RB12	E8
RB13	D30
RB14	D32
RB15	E30
RB16	E32
RB17	F2
RB18	F8
RB19	F30
RB20	F32
RB21	G2
RB22	G8
RB23	J2
RB24	J8
RB25	J23
RB26	J24
RB27	J26
RB28	H33
RB29	L1
RB30	L2
RB31	L3
RB32	L7
RB33	M2
RB34	L11
RB35	L12
RB36	L30
RB37	M30
RB38	M26
RB39	M29
RB40	C35
RB41	D35
RB42	E35
S1	B12
S2	B13
S3	B14
TP1	E1
TP2	E1
TP3	E1
TP4	E1
TP5	E1
TP6	F1
TP7	B24
TP8	A24
TP9	B26

IE-17 BOARD

Ref. No.	Pin No. +5V	Pin No. GND	Pin No. −5V
IC A1	28	14	
IC A2	24	12	
IC A3	20	10	
IC A5	14	7	
IC A6	16	8	
IC A7	14	7	
IC A8	14	7	
IC A9	14	7	
IC A11	28	14	
IC A15	28	14	
IC A16	16	8	
IC A17	16	8	
IC A23	14	7	
IC A24	5	1,16	8
IC A28		1,16	8
IC A29	9	16	8
IC A30		1,16	8
IC A31		1,16	8
IC A32		1,16	8
IC A33		1,16	8
IC A34		1,16	8
IC A35		1,16	8
IC C1	28	14	
IC C2	24	12	
IC C3	20	10	
IC C5	20	10	
IC C6	20	10	
IC C7	20	10	
IC C8	24	12	
IC C10	20	10	
IC C11	20	10	
IC C12	16	8	
IC C13	24	12	
IC C14	20	10	
IC C15	20	10	
IC C17	18	7	
IC C18	18	7	
IC C19	18	7	
IC C20	18	7	
IC C21	18	7	
IC C22	20	10	
IC C24	20	10	
IC C27	20	10	
IC C28	20	10	
IC C29	9	16	8
IC C30		1,16	8
IC C31	9	16	8
IC C32		1,16	8
IC C33		1,16	8
IC C34		1,16	8
IC D1	24	12	
IC D2	24	12	
IC D3	20	10	
IC D5	20	10	
IC D6	20	10	
IC D7	20	10	
IC D8	24	12	
IC D10	20	10	
IC D11	20	10	
IC D12	20	10	
IC D13	20	10	
IC D17	18	7	
IC D18	18	7	
IC D19	18	7	
IC D20	18	7	
IC D21	18	7	
IC D22	20	10	
IC D24	20	10	
IC D25	18	7	
IC D26	18	7	
IC D27	20	10	
IC D28	20	10	
IC D29	3	16	8
IC D30		1,16	8
IC D31	9	16	8
IC D32		1,16	8
IC D33		1,16	8
IC D34		1,16	8

Ref. No.	Pin No. +5V	Pin No. GND	Pin No. −5V
IC E27	20	10	
IC E28	20	10	
IC E29	3	16	8
IC E30		1,16	8
IC E31	9	16	8
IC E32		1,16	8
IC E33		1,16	8
IC E34		1,16	8
IC F1	28	14	
IC F2	24	12	
IC F3	20	10	
IC F5	20	10	
IC F6	20	10	
IC F7	20	10	
IC F8	24	12	
IC F10	20	10	
IC F11	20	10	
IC F12	16	8	
IC F13	24	12	
IC F14	20	10	
IC F15	20	10	
IC F17	18	7	
IC F18	18	7	
IC F19	18	7	
IC F20	18	7	
IC F21	18	7	
IC F22	20	10	
IC F24	20	10	
IC F27	20	10	
IC F28	20	10	
IC F29	9	16	8
IC F30		1,16	8
IC F31	9	16	8
IC F32		1,16	8
IC F33		1,16	8
IC F34		1,16	8
IC G1	28	14	
IC G2	24	12	
IC G3	20	10	
IC G5	20	10	
IC G6	20	10	
IC G7	20	10	
IC G8	24	12	
IC G10	20	10	
IC G11	20	10	
IC G12	20	10	
IC G13	20	10	
IC G17	18	7	
IC G18	18	7	
IC G19	18	7	
IC G20	18	7	
IC G21	18	7	
IC G22	20	10	
IC G24	20	10	
IC G25	18	7	
IC G26	18	7	
IC G27	14	7	
IC G28	14	7	
IC G29	14	7	
IC G30	14	7	
IC G31	9	16	8
IC G32	14	7	
IC G33	14	7	
IC G34	14	7	
IC G35	16	8	
IC H4	14	7	
IC H5	14	7	
IC H6	24	12	
IC H7	24	12	
IC H8	20	10	
IC H9	28	14	
IC H11	28	14	
IC H12	16	8	
IC H13	16	8	
IC H14	20	10	
IC H15	20	10	
IC H16	20	10	
IC H17	20	10	

Ref. No.	Pin No. +5V	Pin No. GND	Pin No. −5V
IC H18	20	10	
IC H19	20	10	
IC H20	20	10	
IC H21	20	10	
IC H22	14	7	
IC H23	14	7	
IC H24	20	10	
IC H25	20	10	
IC H26	20	10	
IC H27	20	10	
IC H28	20	10	
IC H29	20	10	
IC H30	20	10	
IC H31	14	7	
IC H32	20	10	
IC H33	20	10	
IC J1	24	12	
IC J2	24	12	
IC J3	20	10	
IC J4	14	7	
IC J5	14	7	
IC J31	14	7	
IC K1	20	10	
IC K2	20	10	
IC K3	20	10	
IC K4	20	10	
IC K5	28	14	
IC K7	28	14	
IC K8	28	14	
IC K9	14	7	
IC K10	14	7	
IC K11	16	8	
IC K12	16	8	
IC K13	20	10	
IC K14	20	10	
IC K15	20	10	
IC K16	20	10	
IC K17	20	10	
IC K18	20	10	
IC K19	20	10	
IC K20	20	10	
IC K21	20	10	
IC K22	20	10	
IC K23	20	10	
IC K24	20	10	
IC K25	16	8	
IC K26	16	8	
IC K27	20	10	
IC K28	20	10	
IC K29	20	10	
IC K30	20	10	
IC K31	14	7	
IC K32	14	7	
IC K33	20	10	
IC L1	20	10	
IC L2	20	10	
IC L3	20	10	
IC L4	20	10	
IC L5	14	7	
IC L6	14	7	
IC L7	14	7	
IC L8	16	8	
IC L10	1,28	14	
IC L12	1,28	14	
IC L13	20	10	
IC L14	20	10	
IC L15	20	10	
IC L16	20	10	
IC L17	20	10	
IC L18	20	10	
IC L19	20	10	
IC L20	20	10	
IC L21	20	10	
IC L22	20	10	
IC L23	20	10	
IC L24	20	10	
IC L26	41,49, 57,65	42,48, 58,64	

Ref. No.	Pin No. +5V	Pin No. GND	Pin No. −5V
IC L29	41,49, 57,65	42,48, 58,64	
IC L31	20	10	
IC L32	20	10	
IC L33	20	10	
IC L34	20	10	
IC M5	16	8	
IC M6	16	8	
IC M7	16	8	
IC M8	14	7	
IC M26	41,49, 57,65	42,48, 58,64	
IC M29	41,49, 57,65	42,48, 58,64	
IC M31	20	10	
IC M32	20	10	
IC M33	20	10	
IC M34	20	10	

①IE-17 BOARD INPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

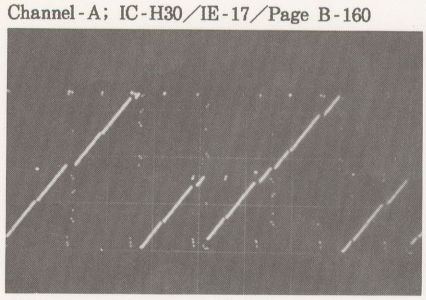
S1-1/2/3 ····· ON

S1-4 ····· OFF

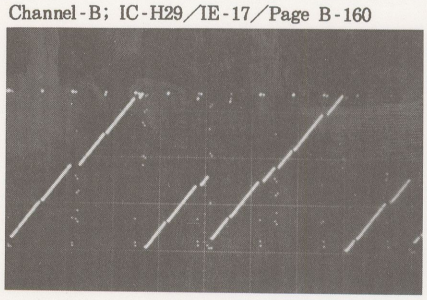
Setting of Switches/Jumpers (DVPC-1000)

Refer to page B-2.

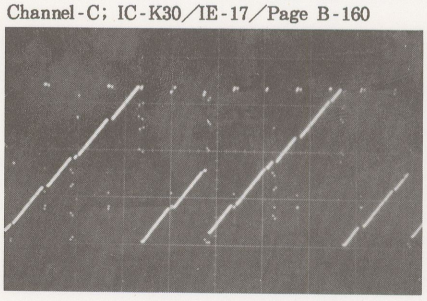
Channel-A; IC-H30/IE-17/Page B-160



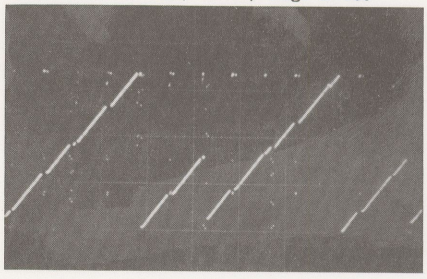
Channel-B; IC-H29/IE-17/Page B-160



Channel-C; IC-K30/IE-17/Page B-160



Channel-D; IC-K29/IE-17/Page B-160



②INNER ENCODER INPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

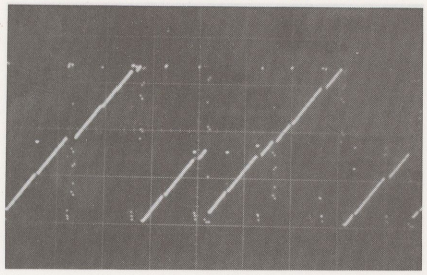
S1-1 ····· OFF

S1-2/3/4 ····· ON

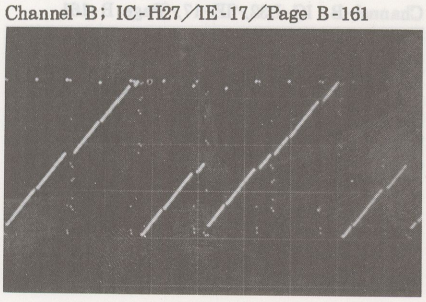
Setting of Switchers/Jumpers (DVPC-1000)

Refer to page B-2.

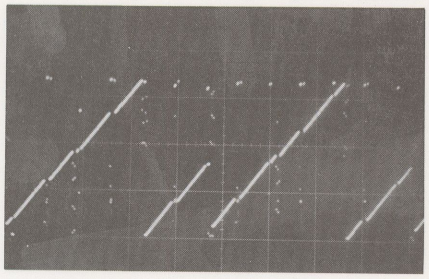
Channel-A; IC-H28/IE-17/Page B-161



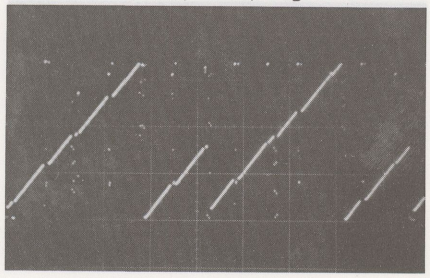
Channel-B; IC-H27/IE-17/Page B-161



Channel-C; IC-K28/IE-17/Page B-161



Channel-D; IC-K27/IE-17/Page B-161



③BYPASS-3 OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

S1-1 ····· OFF

S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)

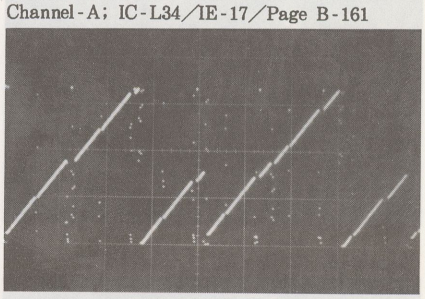
S1-3/VE-12 ····· ON

S1-4/VE-12 ····· OFF

S1-5/VE-12 ····· OFF

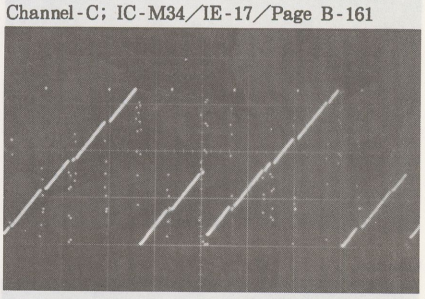
For other settings, refer to page B-2.

Channel-A; IC-L34/IE-17/Page B-161

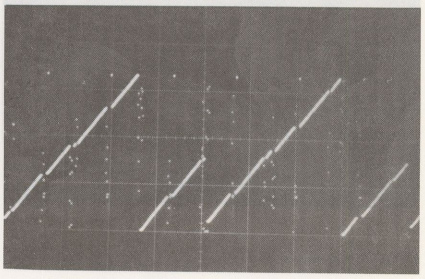


Channel-B; IC-L32/IE-17/Page B-161

Channel-C; IC-M34/IE-17/Page B-161



Channel-D; IC-M32/IE-17/Page B-161



④ID ENCODER & SYNC ADD OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

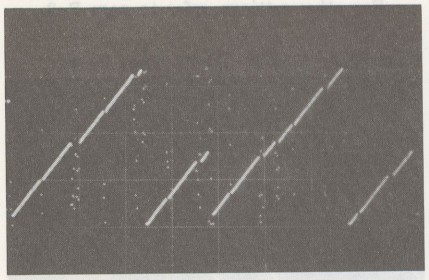
S1-1 ····· OFF

S1-2/3/4 ····· ON

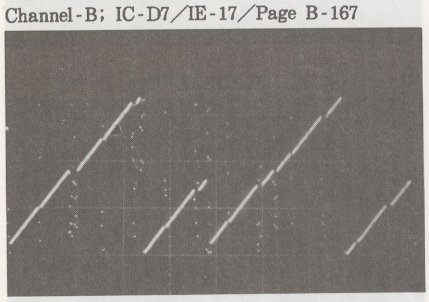
Setting of Switches/Jumpers (DVPC-1000)

Refer to page B-2.

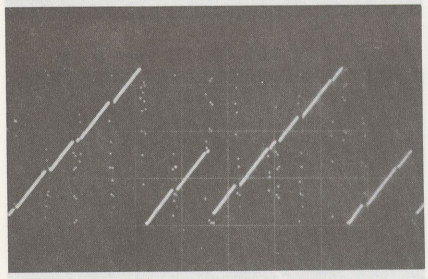
Channel-A; IC-C7/IE-17/Page B-167



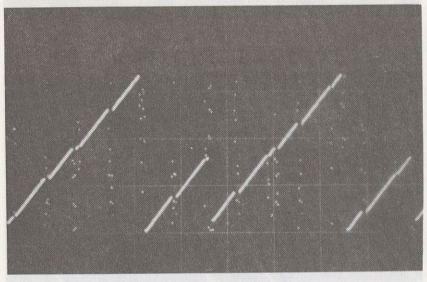
Channel-B; IC-D7/IE-17/Page B-167



Channel-C; IC-F7/IE-17/Page B-174



Channel-D; IC-G7/IE-17/Page B-174



⑤SCRAMBLER OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

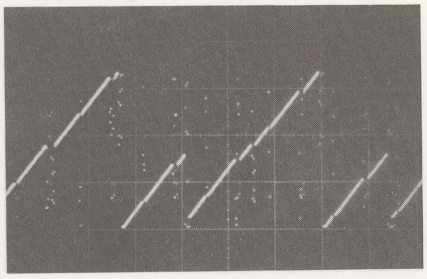
S1-1 ····· OFF

S1-2/3/4 ····· ON

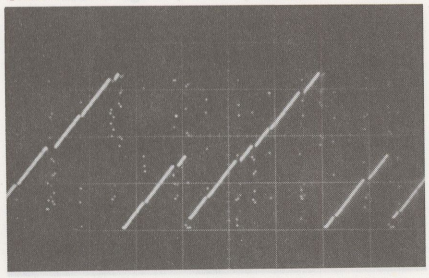
Setting of Switches/Jumpers (DVPC-1000)

Refer to page B-2.

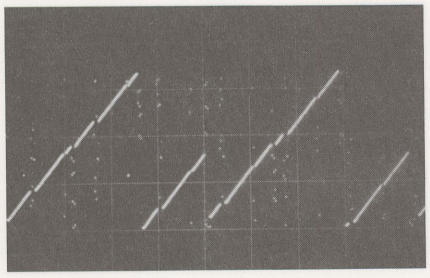
Channel-A; IC-L34/IE-17/Page B-161



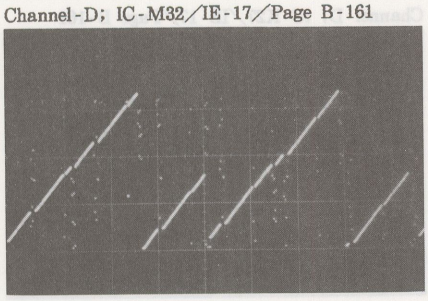
Channel-B; IC-L32/IE-17/Page B-161



Channel-C; IC-M34/IE-17/Page B-161



Channel-D; IC-M32/IE-17/Page B-161

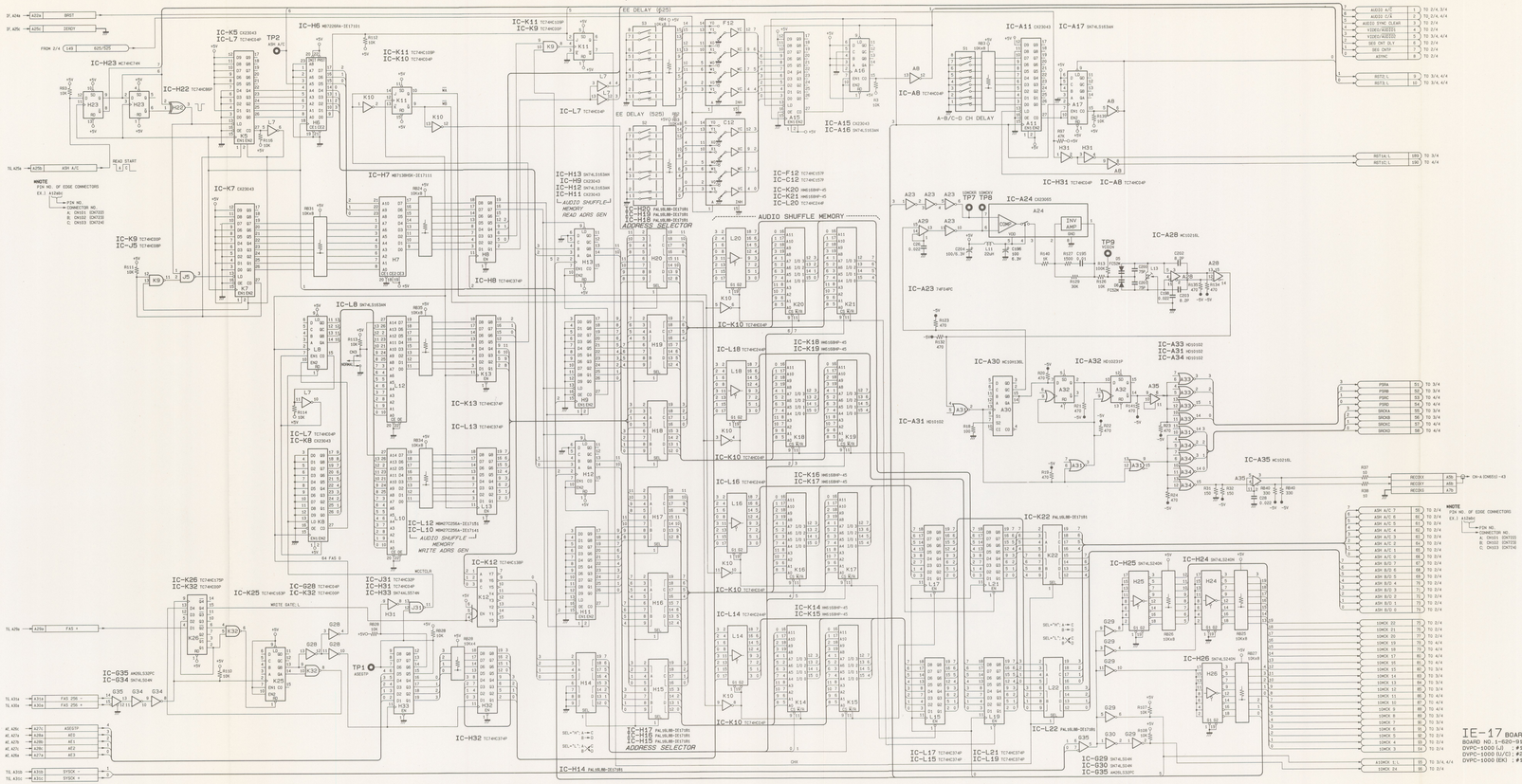


CARD RACK IE-17 (1/4) BOARD IE-17 (1/4) BOARD CARD RACK

IE-17 BOARD (1/4)

Inner Encoder

#10701 & UP (JJ)
#21001 & UP (UC)
#11001 & UP (EK)

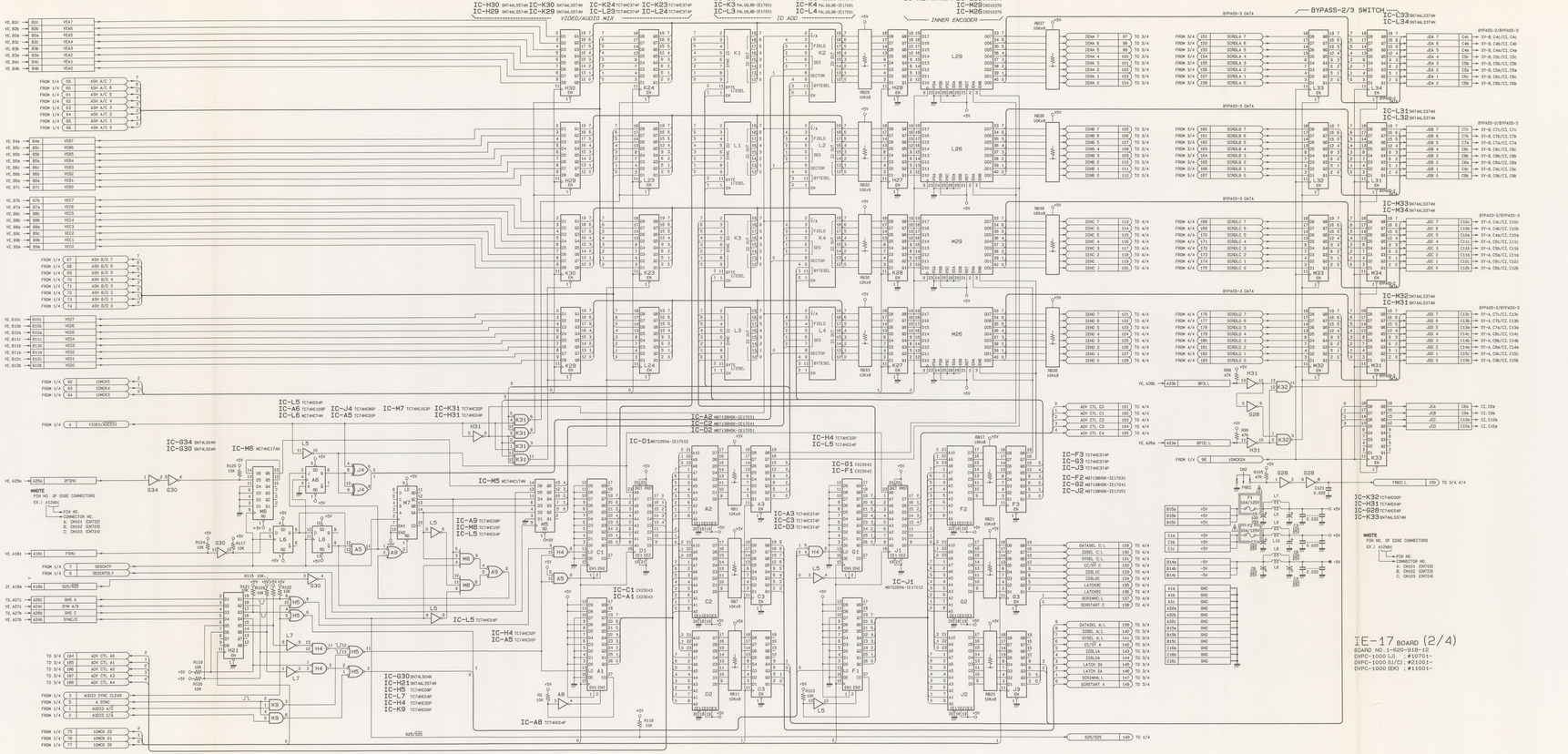


IE-17 BOARD (1/4)
BOARD NO.1-620-918-12
DVPC-1000 (JJ) #10701~
DVPC-1000 (UJ/CE) #21001~
DVPC-1000 (EK) #11001~

IE-17 BOARD (2/4)

Inner Encoder

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

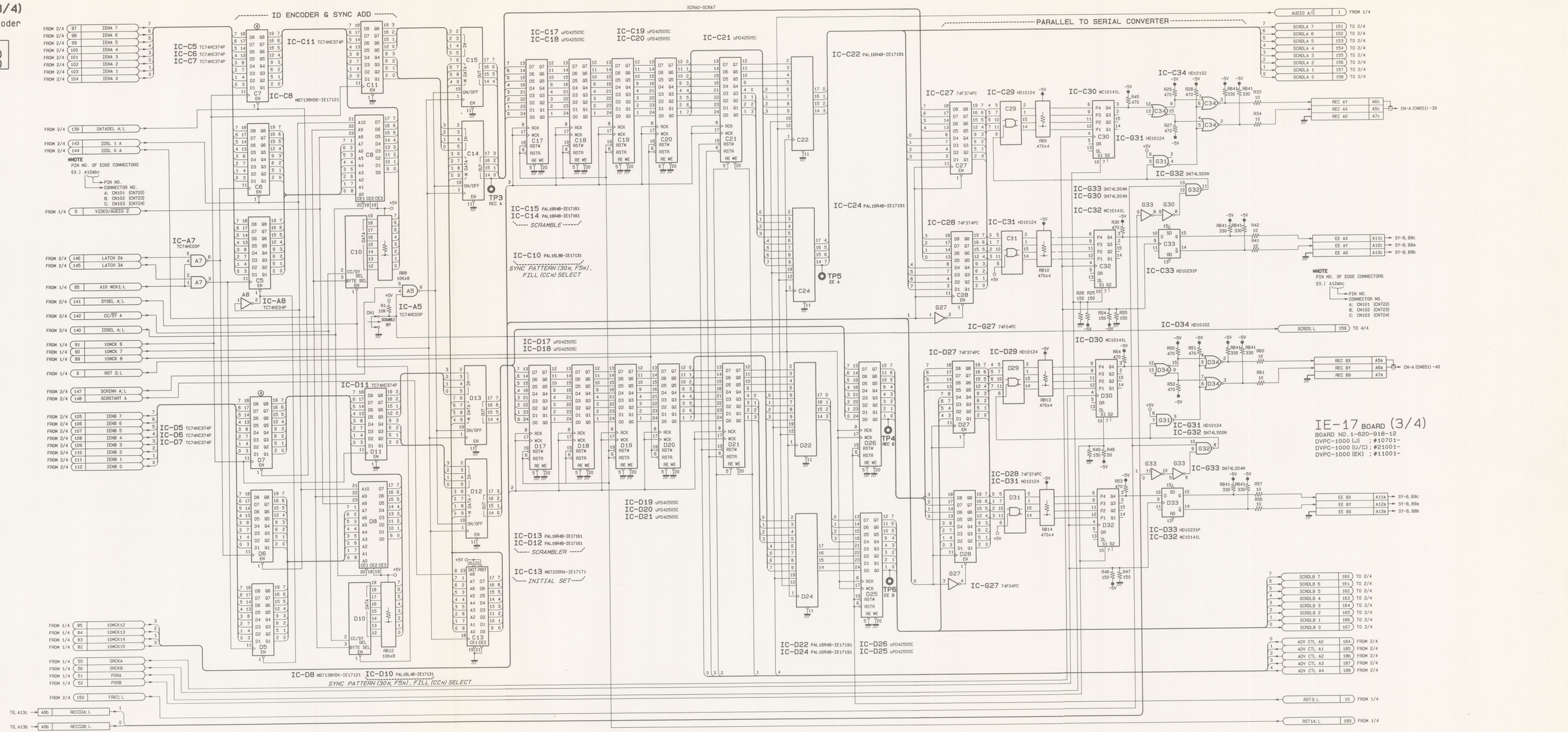


IE-17 (3/4) BOARD CARD RACK
CARD RACK IE-17 (3/4) BOARD

IE-17 BOARD (3/4)

Inner Encoder

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

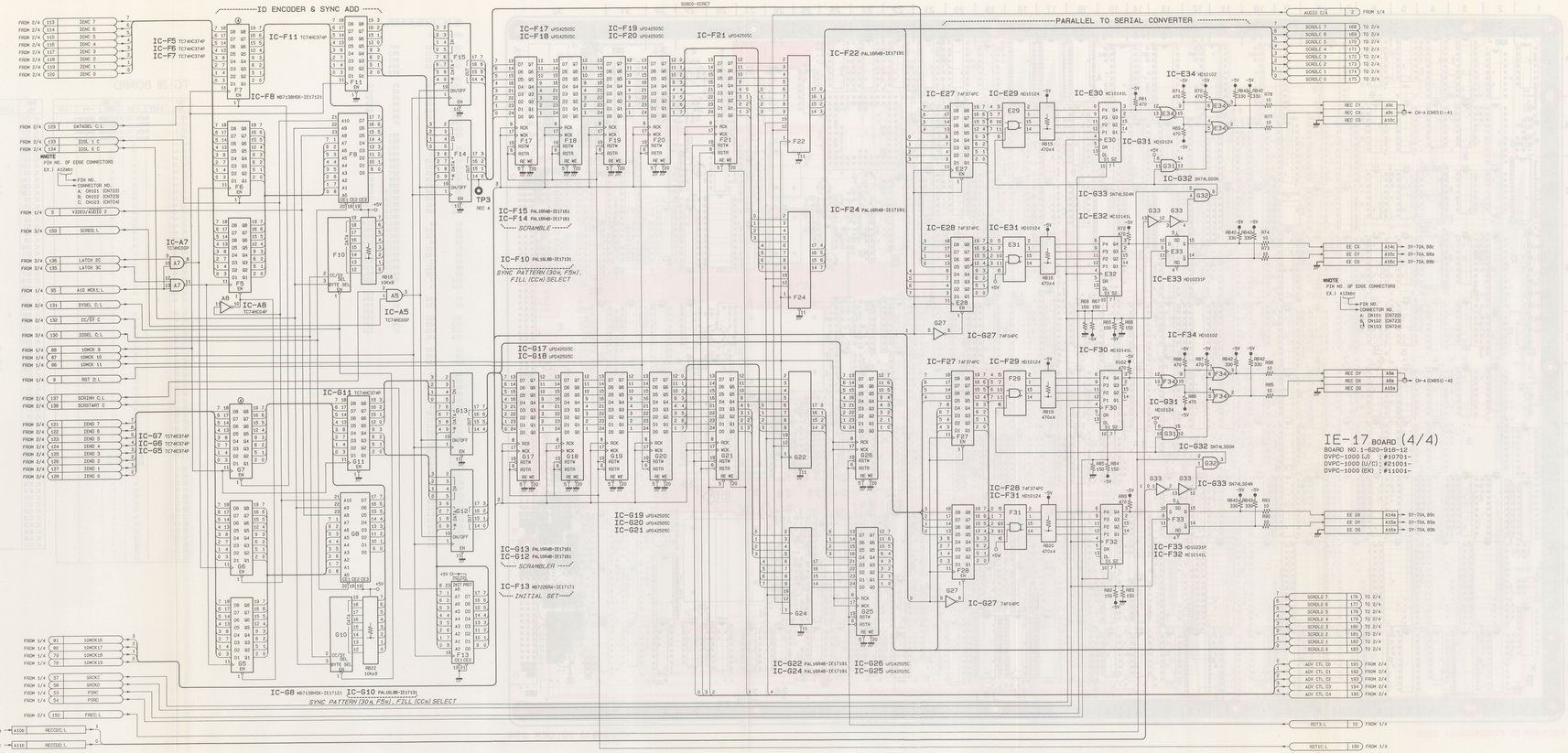


CARD RACK IE-17 (4/4) BOARD IE-17 (4/4) BOARD CARD RACK

IE-17 BOARD (4/4)

Inner Encoder

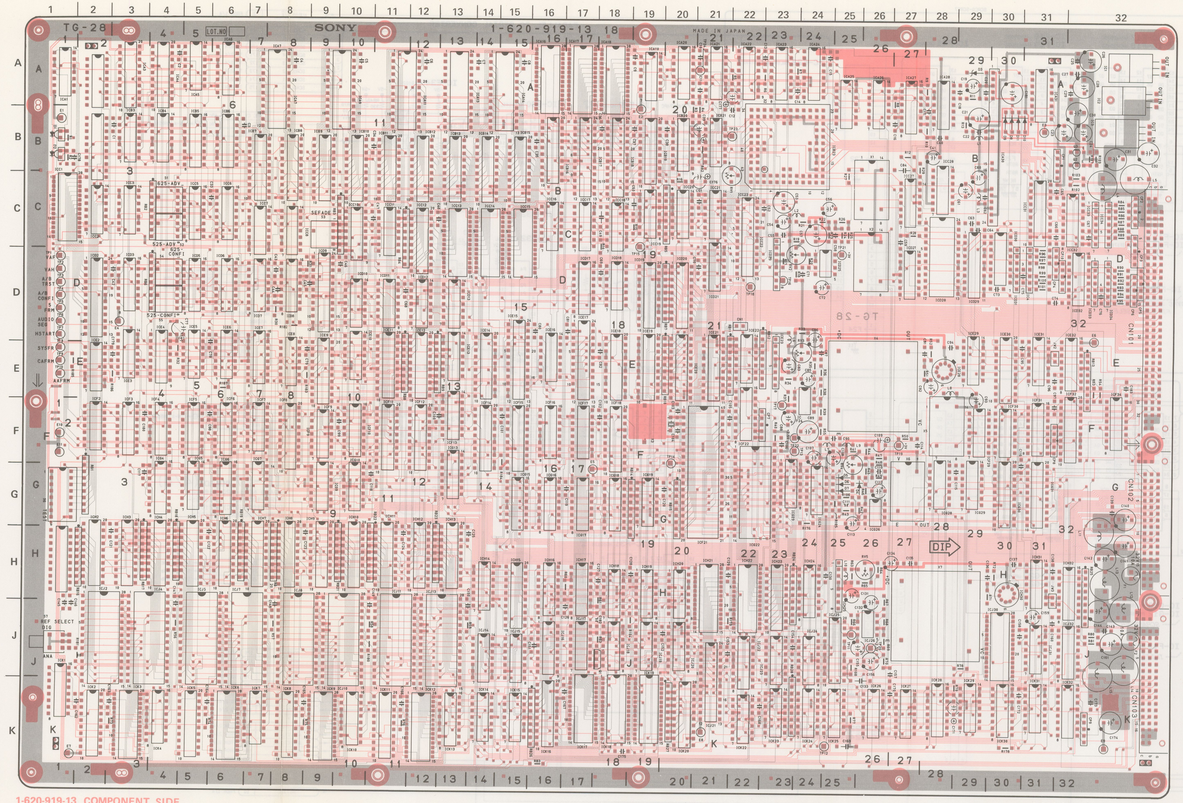
- #10701 & UP (J)
- #21001 & UP (UC)
- #11001 & UP (EK)



TG-28 BOARD (1-620-919-13)

Component Side

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



1-620-919-13 COMPONENT SIDE

B-177 (a)

B-178 (a)

1-620-919-13 SOLDER SIDE

B-179 (a)

CARD RACK TG-28 BOARD TG-28 BOARD CARD RACK

TG-28 (1-620-919-13)

DVPC-1000

CN1	D22	RV1	C21
CN101M	D32	RV2	D23
CN102M	C32	RV3	F24
CN103M	J32	RV4	F25
		RV5	H26
CP1	B31		
CP2	C32	S1	C4
CP3	C32	S2	C4
CP4	C32	S3	C9
CP5	D32	S4	D4
CP6	D32	S5	D4
CP7	F22	S6	G1
CP8	F31	S7	G1
CP9	K32		
CP10	D31	TP1	D1
		TP2	D1
D1	B1	TP3	D1
D2	B1	TP4	D1
D3	A29	TP5	D1
D4	G25	TP6	D1
D5	G25	TP7	D1
D6	G25	TP8	E1
D7	K25	TP9	E1
D8	B30	TP10	E1
D9	B31	TP11	J25
D10	B31	TP12	K25
D11	B30	TP13	F23
		TP14	F20
E1	B1	TP15	C19
E2	A19	TP16	D23
E3	B31	TP17	F23
E4	B30	TP18	D22
E5	G17	TP19	F27
E6	D32	TP20	J26
E7	K1	TP21	D25
E8	K21	TP22	F23
E9	K32	TP23	B21
E10	F1	TP24	A21
E11	F1		
		X1	C26
F1	H32	X2	D26
F2	J32	X3	F20
		X4	E25
IC1	A32	X5	F28
IC2	A32	X6	G27
IC3	B32	X7	J28
IC4	D31		
Q1	J18		
Q2	B32		
Q3	B32		
RB1	G2		
RB2	A4		
RB3	C10		
RB4	C11		
RB5	C20		
RB6	D4		
RB7	D20		
RB8	E11		
RB9	E12		
RB10	E20		
RB11	E21		
RB12	E22		
RB13	E32		
RB14	G19		
RB15	G20		
RB16	H2		
RB17	H3		
RB18	H4		
RB19	H6		
RB20	H8		
RB21	H10		
RB22	H11		
RB23	H12		
RB24	H23		
RB25	H32		
RB26	K16		
RB27	K20		
RB28	K23		

TG-28 BOARD

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC 1	Refer to schematic diagram.				
IC 2	Refer to schematic diagram.				
IC 3	Refer to schematic diagram.				
IC 4	Refer to schematic diagram.				
IC A1	14		7		
IC A3	20		10		
IC A4	20		10		
IC A5	14		7		
IC A6	16		8		
IC A7	24		12		
IC A8	24		12		
IC A9	24		12		
IC A10	24		12		
IC A11	24		12		
IC A14	24		12		
IC A15	28		14		
IC A16	28		14		
IC A17	28		14		
IC A18	28		14		
IC A19	14		7		
IC A20	16		8		
IC A21	16		8		
IC A22	16		8		
IC A23	16		8		
IC A24	16		8		
IC A25	14		7		
IC A26	14		7		
IC A27	16		8		
IC A28	14		7		
IC A29	3	10,16	20,23		
IC A31	16		8		
IC B2	16		8		
IC B3	14		7		
IC B4	14		7		
IC B5	16		8		
IC B6	16		8		
IC B7	20		10		
IC B8	20		10		
IC B9	20		10		
IC B10	20		10		
IC B11	20		10		
IC B12	20		10		
IC B13	20		10		
IC B14	20		10		
IC B15	20		10		
IC B16	20		10		
IC B17	24		12		
IC B18	24		12		
IC B19	20		10		
IC B20	16		8		
IC B21	14		7		
IC B22	81,82	83,84			
	85,86	87,88			
IC C1	28		14		
IC C2	14		7		
IC C3	14		7		
IC C5	16		8		
IC C6	16		8		
IC C7	14		7		
IC C8	14		7		
IC C10	16		8		
IC C11	14		7		
IC C12	20		10		
IC C13	28		14		
IC C14	28		14		
IC C15	28		14		
IC C16	14		7		

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC C17		14	7		
IC C18		14	7		
IC C19		14	7		
IC C20		14	7		
IC C21		14	7		
IC C22		24	12		
IC C27		14	7		
IC C28	11	3,8		6	
IC C31		20	10		
IC C32			16	8	
IC C33	Refer to schematic diagram.				
IC C34	Refer to schematic diagram.				
IC D2		24	12		
IC D3		16	8		
IC D5		16	8		
IC D6		16	8		
IC D7		16	8		
IC D8		16	8		
IC D9		24	12		
IC D10		14	7		
IC D11		14	7		
IC D12		14	7		
IC D13		14	7		
IC D17		16	8		
IC D18		14	7		
IC D19		20	10		
IC D20		20	10		
IC D21		14	7		
IC D23		5	8		
IC D25	6			4	
IC D27		14	7		
IC D28		24	12		
IC D29		20	10		
IC D30		9	16	8	
IC D31	Refer to schematic diagram.				
IC D32		9	16	8	
IC D33	Refer to schematic diagram.				
IC D34	Refer to schematic diagram.				
IC E2		14	7		
IC E3		14	7		
IC E4		16	8		
IC E5		14	7		
IC E6		14	7		
IC E7		16	8		
IC E8		14	7		
IC E9		20	10		
IC E10		14	7		
IC E11		20	10		
IC E12		20	10		
IC E13		14	7		
IC E14		20	10		
IC E15		24	12		
IC E16		14	7		
IC E17		24	12		
IC E18		20	10		
IC E19		20	10		
IC E20		20	10		
IC E21		20	10		
IC E22		14	7		
IC E23		5	8		
IC E28		1	7	5	
IC E29		14	7		
IC E30		20	10		
IC E31		14	7		

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC E32	9	16	8		
IC F2	14	7			
IC F3	16	8			
IC F4	16	8			
IC F5	16	8			
IC F6	16	8			
IC F7	14	7			
IC F8	20	10			
IC F9	14	7			
IC F10	16	8			
IC F11	20	10			
IC F12	20	10			
IC F13	14	7			
IC F14	20	10			
IC F15	20	10			
IC F16	16	8			
IC F17	16	8			
IC F18	20	10			
IC F21	26,40	20			
IC F22	16	8			
IC F24	8			4	
IC F29	14	7			
IC F30	14	7			
IC F31	16	8			
IC F32	20	10			
IC F34	16	8			
IC G4	16	8			
IC G5	14	7			
IC G6	16	8			
IC G7	14	7			
IC G9	14	7			
IC G10	14	7			
IC G13	14	7			
IC G15	16	8			
IC G16	16	8			
IC G17	16	8			
IC G18	16	8			
IC G19	14	7			
IC G22	28	14			
IC G23	14	7			
IC G24	14	7			
IC G26	8			4	
IC G28	14	7			
IC G29	14	7			
IC G30	20	10			
IC G31	20	10			
IC H2	20	10			
IC H3	20	10			
IC H4	20	10			
IC H5	20	10			
IC H6	20	10			
IC H7	20	10			
IC H8	20	10			
IC H9	20	10			
IC H10	20	10			
IC H11	20	10			
IC H12	20	10			
IC H13	20	10			
IC H14	14	7			
IC H15	20	10			
IC H16	16	8			
IC H17	16	8			
IC H18	14	7			
IC H19	14	7			

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC H20		14	7		
IC H21		28	14		
IC H22		28	14		
IC H23		20	10		
IC H24		16	8		
IC H25		5	8		
IC H35		1	7	5	
IC H31		14	7		
IC H32		9	16	8	
IC J2		28	14		
IC J4		28	14		
IC J5		28	14		
IC J7		28	14		
IC J8		28	14		
IC J10		28	14		
IC J11		28	14		
IC J13		28	14		
IC J14		14	7		
IC J15		14	7		
IC J16		16	8		
IC J17		14	7		
IC J18		14	7		
IC J19		14	7		
IC J20		28	14		
IC J21		20	10		
IC J22		16	8		
IC J23		14	7		
IC J24		14	7		
IC J25		20	10		
IC J26	8			4	
IC J28		28	14		
IC J30		14	7		
IC J32		16	8		
IC K1		16	8		
IC K2		20	10		
IC K3		28	14		
IC K4		16	8		
IC K5		20	10		
IC K6		28	14		
IC K7		16	8		
IC K8		20	10		
IC K9		28	14		
IC K10		16	8		
IC K11		20	10		
IC K12		28	14		
IC K13		16	8		
IC K14		14	7		
IC K15		14	7		
IC K16		20	10		
IC K17		28	14		
IC K18		28	14		
IC K19		28	14		
IC K20		20	10		
IC K22		14	7		
IC K23		14	7		
IC K24		14	7		
IC K25		14	7		
IC K26		14	7		
IC K27		14	7		
IC K28		16	8		
IC K29		14	7		
IC K30		16	8		
IC K31		14	7		
IC K32		16	8		

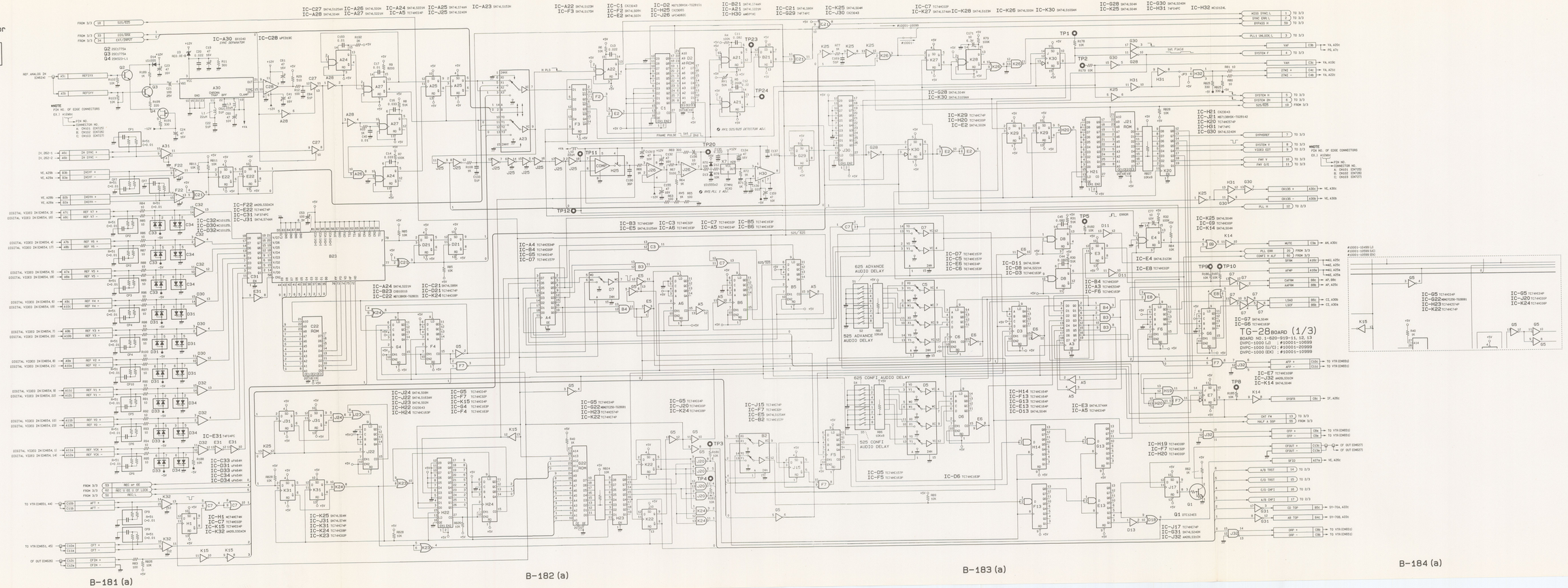
B-180 (a)

CARD RACK TG-28 (1/3) BOARD TG-28 (1/3) BOARD CARD RACK

TG-28 BOARD (1/3)

Timing Generator

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



B-181 (a)

B-182 (a)

B-183 (a)

B-184 (a)

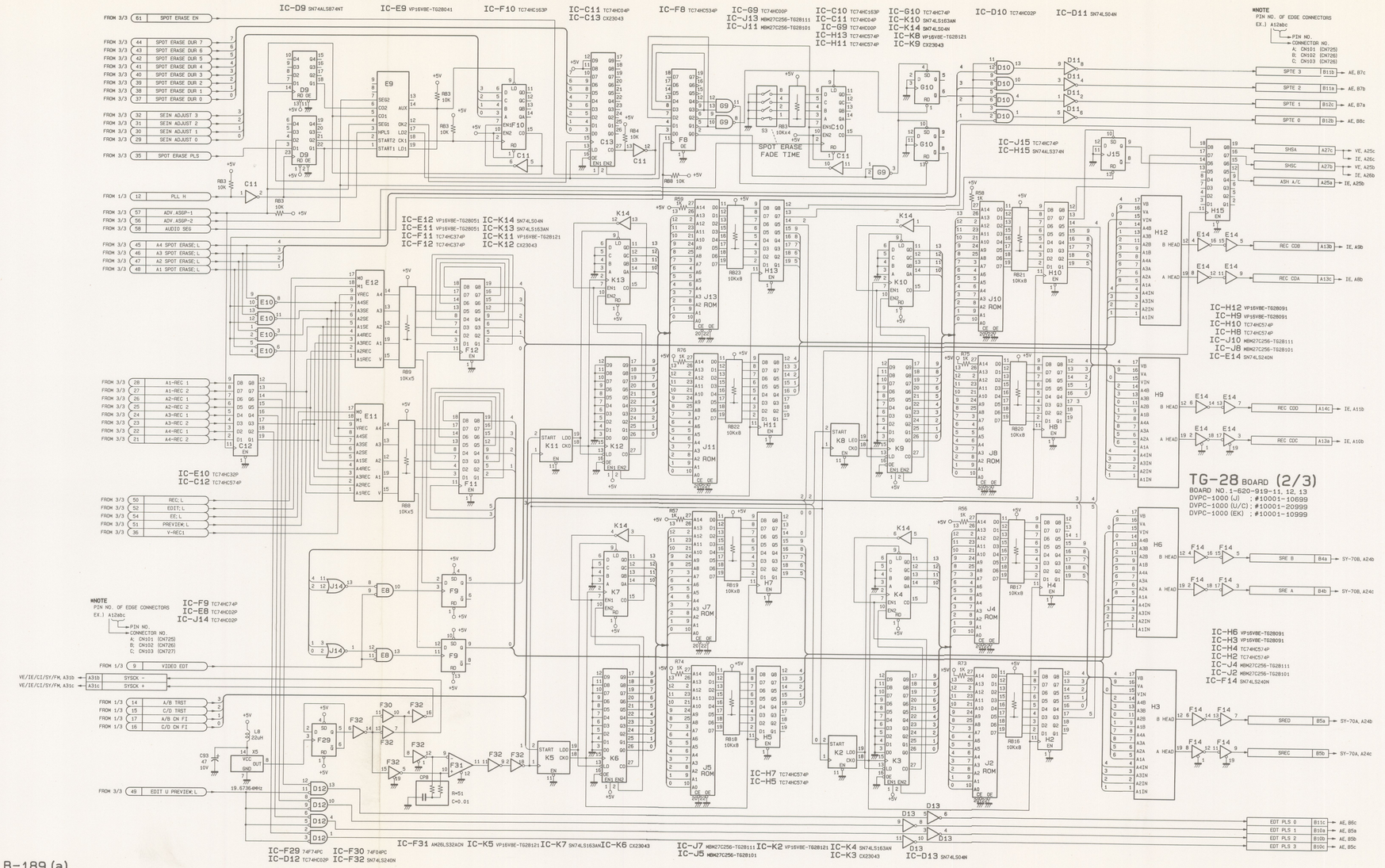
TG-28 (2/3) BOARD CARD RACK

CARD RACK TG-28 (2/3) BOARD

TG-28 BOARD (2/3)

Timing Controller

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

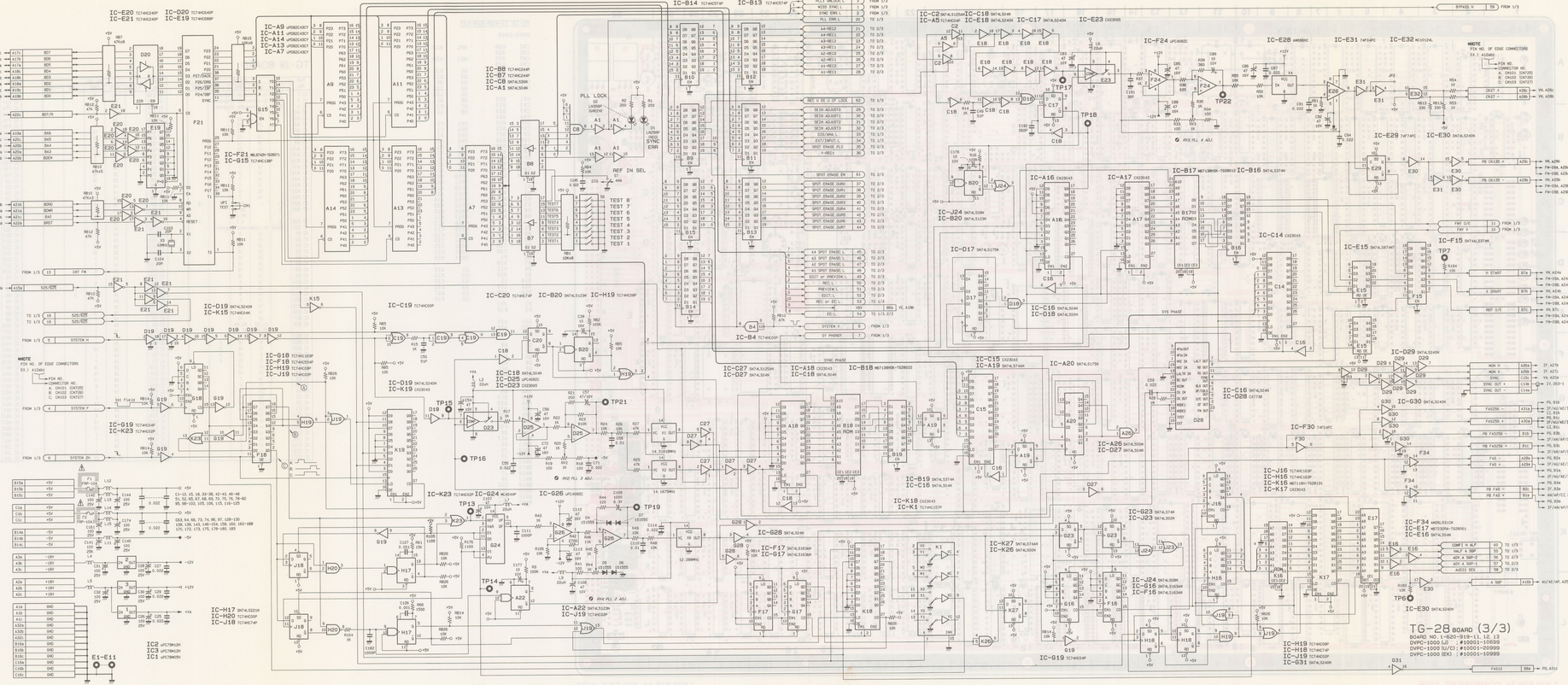


CARD RACK TG-28 (3/3) BOARD TG-28 (3/3) BOARD CARD RACK

TG-28 BOARD (3/3)

Timing Controller

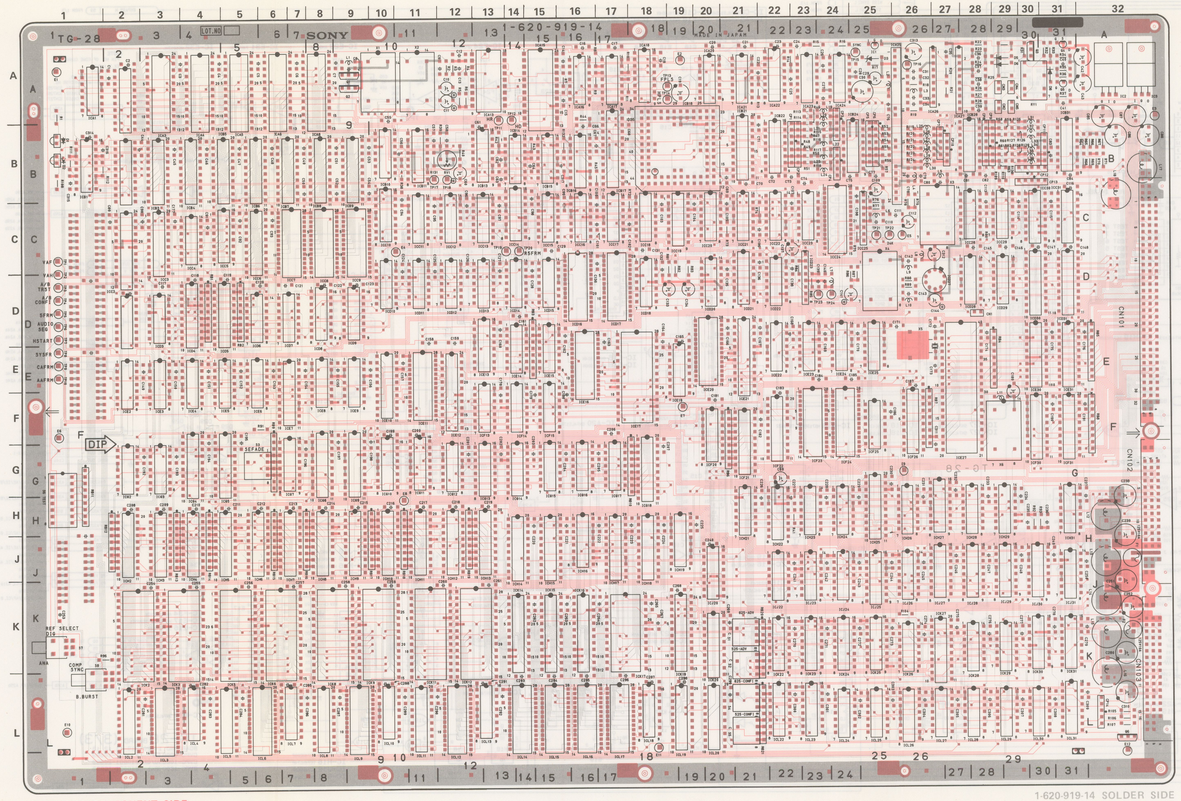
#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



TG-28 BOARD (1-620-919-14)

Component Side

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



1-620-919-14 COMPONENT SIDE

1-620-919-14 SOLDER SIDE

CARD RACK TG-28 BOARD TG-28 BOARD CARD RACK

TG-28 (1-620-919-14)

DVPC-1000

CN1	D28	RV1	B12
CN2	A29		
CN3	A29	RY1	A30
CN4	A29		
CN5	A39	S1	K21
CN101M	G32	S2	K21
CN102M	G32	S3	G5
CN103M	L32	S4	L21
		S5	L21
CP1	B23	S6	G1
CP2	B23	S7	K1
CP3	B24	S8	L1
CP4	B24		
CP5	B25	TP1	C1
CP6	B25	TP2	C1
CP7	B27	TP3	D1
CP8	B28	TP4	D1
CP9	B28	TP5	D1
CP10	B27	TP6	D1
CP11	B31	TP7	D1
CP12	B30	TP8	E1
CP13	B30	TP9	E1
CP14	L32	TP10	E1
		TP11	B13
D1	B1	TP12	A14
D2	B1	TP13	A18
D3	A25	TP14	A18
D5	A29	TP15	A25
D6	A29	TP16	A26
D8	A31	TP17	B11
		TP18	B12
E1	A1	TP19	C13
E2	A19	TP20	C14
E3	A32	TP21	C25
E4	C10	TP22	C25
E5	C26	TP23	D23
E6	F1	TP24	D24
E7	B19		
E8	H11	X1	A10
E9	G26	X2	A11
E10	L1	X3	C27
E11	L18	X4	D25
E12	L32	X5	E27
		X6	F29
F1	J32		
F2	K32		
IC1	A25		
IC2	A32		
IC3	A32		
Q1	A9		
Q2	A9		
Q3	A30		
Q4	A31		
Q5	A31		
Q6	L32		
RB1	D5		
RB2	D5		
RB3	E15		
RB4	E28		
RB5	E32		
RB6	G31		
RB7	F26		
RB8	F32		
RB9	G6		
RB10	G17		
RB11	G1		
RB12	J2		
RB13	J3		
RB14	J4		
RB15	J6		
RB16	J7		
RB17	J9		
RB18	J11		
RB19	J12		
RB20	K21		
RB21	L21		

TG-28 BOARD

Ref. No.	Pin No. +12V	+5V	GND	-5V	-12V
IC 1	Refer to schematic diagram.				
IC 2	Refer to schematic diagram.				
IC 3	Refer to schematic diagram.				
IC A1		14	7		
IC A3	24	12			
IC A4	24	12			
IC A5	24	12			
IC A6	24	12			
IC A8	24	12			
IC A13	7	14			
IC A15	24	12			
IC A16	14	7			
IC A17	14	7			
IC A18	16	8			
IC A20	14	7			
IC A21	14	7			
IC A22	16	8			
IC A23	14	8			
IC A24	11		3,8		6
IC A25	3		10,16		24
			20,23		
IC A26	3		4,7		9
IC A27	Refer to schematic diagram.				
IC B1	16	8			
IC B3	20	10			
IC B4	20	10			
IC B5	20	10			
IC B6	20	10			
IC B7	20	10			
IC B8	20	10			
IC B9	20	10			
IC B18	14	7			
IC B11	16	8			
IC B13	16	8			
IC B14	14	7			
IC B15	14	7			
IC B16	16	8			
IC B17	24	12			
IC B18	B1,B2	B3,B4			
	B5,B6	B7,B8			
IC B21	20	10			
IC B22	9	16	8		
IC B24	9	16	8		
IC B28	9	16	8		
IC B31	9	16	8		
IC C2	24	12			
IC C3	20	9			
IC C4	14	7			
IC C5	16	8			
IC C6	20	10			
IC C7	28	14			
IC C8	28	14			
IC C9	28	14			
IC C10	16	8			
IC C11	14	7			
IC C12	14	7			
IC C13	14	7			
IC C14	16	8			
IC C15	14	7			
IC C16	14	7			
IC C17	14	7			

Ref. No.	Pin No. +12V	+5V	GND	-5V	-12V
IC C18	14	7			
IC C19	16	8			
IC C20	14	7			
IC C21	14	7			
IC C22	14	7			
IC C23	14	7			
IC C24	28	14			
IC C25	3	8			
IC C28	14	7			
IC C29	14	7			
IC C30	16	8			
IC C31	16	8			
IC D3	14	7			
IC D4	20	10			
IC D5	20	10			
IC D6	14	7			
IC D7	14	7			
IC D8	16	8			
IC D9	16	8			
IC D10	14	7			
IC D11	14	7			
IC D12	14	7			
IC D13	14	7			
IC D14	14	7			
IC D15	14	7			
IC D16	28	14			
IC D17	28	14			
IC D18	14	7			
IC D20	14	7			
IC D21	16	8			
IC D22	14	7			
IC D23	3	8			
IC D27	1	7		5	
IC D28	14	7		5	
IC D29	14	7			
IC D30	20	10			
IC D31	20	10			
IC E2	14	7			
IC E3	14	7			
IC E4	14	7			
IC E5	14	7			
IC E6	14	7			
IC E7	20	10			
IC E8	14	7			
IC E9	14	7			
IC E10	20	10			
IC E11	28	14			
IC E12	24	12			
IC E13	16	8			
IC E14	14	7			
IC E15	14	7			
IC E16	28	14			
IC E17	28	14			
IC E19	16	8			
IC E20	28	14			
IC E21	24	12			
IC E22	14	7			
IC E23	14	7			
IC E24	14	7			
IC E25	14	7			
IC E27	20,40	20			

Ref. No.	Pin No. +12V	+5V	GND	-5V	-12V
IC E30	20	10			
IC E31	20	10			
IC F13	14	7			
IC F14	14	7			
IC F15	14	7			
IC F20	16	8			
IC F21	20	10			
IC F22	20	10			
IC F23	28	14			
IC F24	28	14			
IC F25	14	7			
IC F26	20	10			
IC F30	20	10			
IC F31	20	10			
IC G2	14	7			
IC G3	14	7			
IC G4	20	10			
IC G5	20	10			
IC G7	16	8			
IC G8	20	10			
IC G9	20	10			
IC G10	16	8			
IC G11	16	8			
IC G12	14	7			
IC G13	16	8			
IC G14	16	8			
IC G15	14	7			
IC G16	14	7			
IC G17	14	7			
IC G18	20	10			
IC H2	20	10			
IC H3	20	10			
IC H4	20	10			
IC H5	20	10			
IC H6	20	10			
IC H7	20	10			
IC H8	20	10			
IC H9	20	10			
IC H10	20	10			
IC H11	20	10			
IC H12	20	10			
IC H13	20	10			
IC H14	20	10			
IC H15	20	10			
IC H16	16	8			
IC H17	20	10			
IC H18	20	10			
IC H19	16	8			
IC H21	14	7			
IC H22	16	8			
IC H23	14	7			
IC H24	14	7			
IC H25	20	10			
IC H35	14	7			
IC H27	16	8			
IC H28	14	7			
IC H29	14	7			
IC H31	14	7			
IC J20	16	8			
IC J22	14	7			
IC J23	14	7			

Ref. No.	Pin No. +12V	+5V	GND	-5V	-12V
IC J24	14	7			
IC J25	16	8			
IC J26	14	7			
IC J27	16	8			
IC J28	16	8			
IC J29	16	8			
IC J30	16	8			
IC J31	14	7			
IC K2	28	14			
IC K3	28	14			
IC K5	28	14			
IC K6	28	14			
IC K8	28	14			
IC K9	28	14			
IC K11	28	14			
IC K12	28	14			
IC K14	24	12			
IC K15	24	12			
IC K16	24	12			
IC K17	24	12			
IC K19	24	12			
IC K20	20	10			
IC K22	16	8			
IC K23	16	8			
IC K24	16	8			
IC K25	16	8			
IC K26	14	7			
IC K27	20	10			
IC K28	14	7			
IC K29	14	7			
IC K30	16	8			
IC K31	16	8			
IC L2	20	10			
IC L3	28	14			
IC L4	16	8			
IC L5	20	10			
IC L6	28	14			
IC L7	16	8			
IC L8	20	10			
IC L9	28	14			
IC L10	16	8			
IC L11	20	10			
IC L12	28	14			
IC L13	16	8			
IC L14	28	14			
IC L15	28	14			
IC L16	28	14			
IC L17	16	8			
IC L18	16	8			
IC L19	20	10			
IC L20	20	10			
IC L22	16	8			
IC L23	16	8			
IC L24	14	7			
IC L25	14	7			
IC L26	16	8			
IC L27	14	7			
IC L28	14	7			
IC L29	14	7			
IC L30	14	7			
IC L31	16	8			

TG-28 (1/3) BOARD CARD RACK

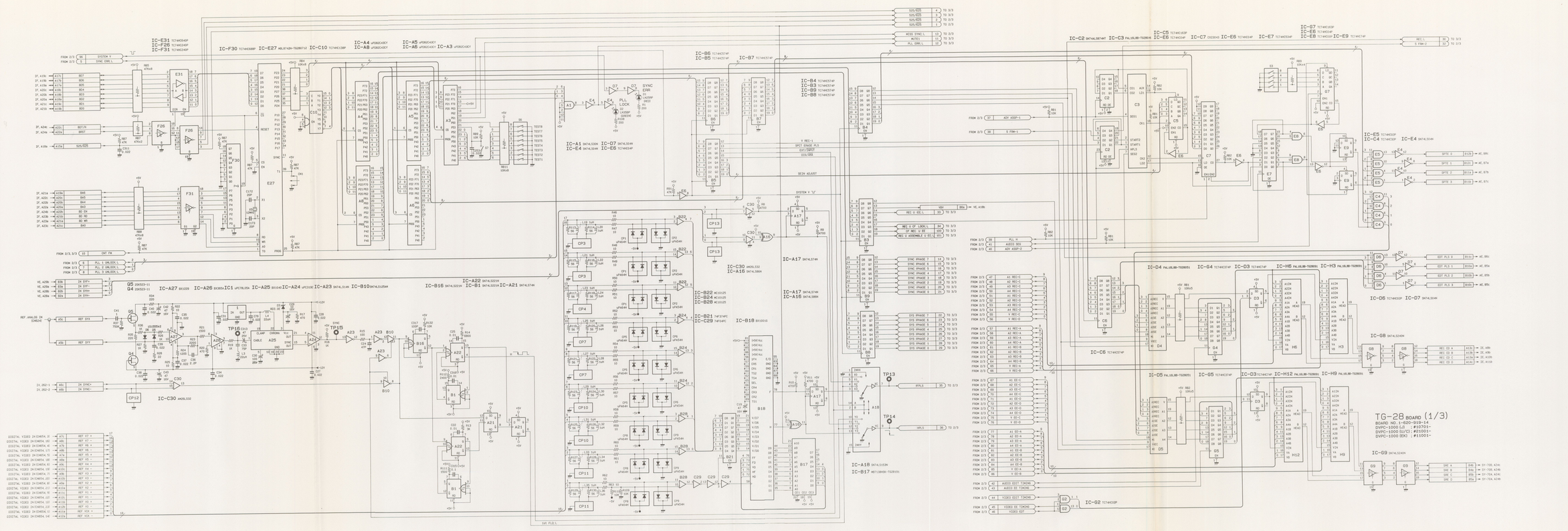
CARD RACK TG-28 (1/3) BOARD

TG-28 (1/3) BOARD CARD RACK

TG-28 BOARD (1/3)

Timing Generator

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



B-181 (b)

B-182 (b)

B-183 (b)

B-184 (b)

TG-28 (2/3) BOARD CARD RACK

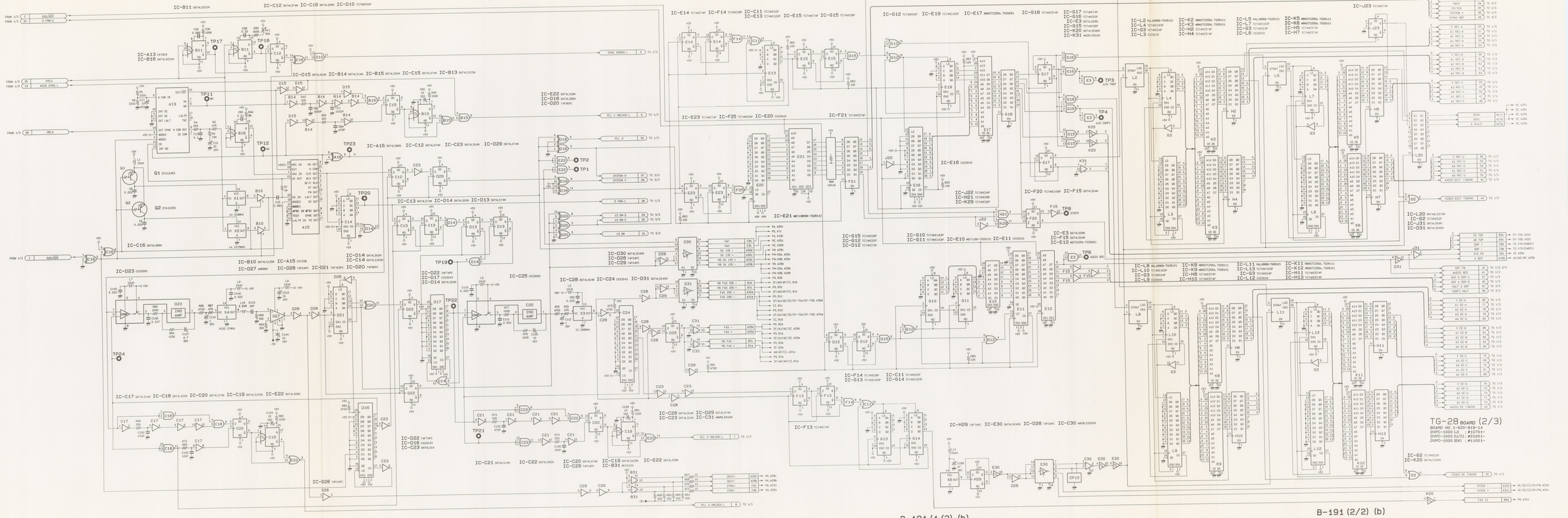
CARD RACK TG-28 (2/3) BOARD

TG-28 (2/3) BOARD CARD RACK

TG-28 BOARD (2/3)

Timing Generator

10701 & UP (J)
21001 & UP (UC)
11001 & UP (EK)



B-189 (b)

B-190 (b)

B-191 (1/2) (b)

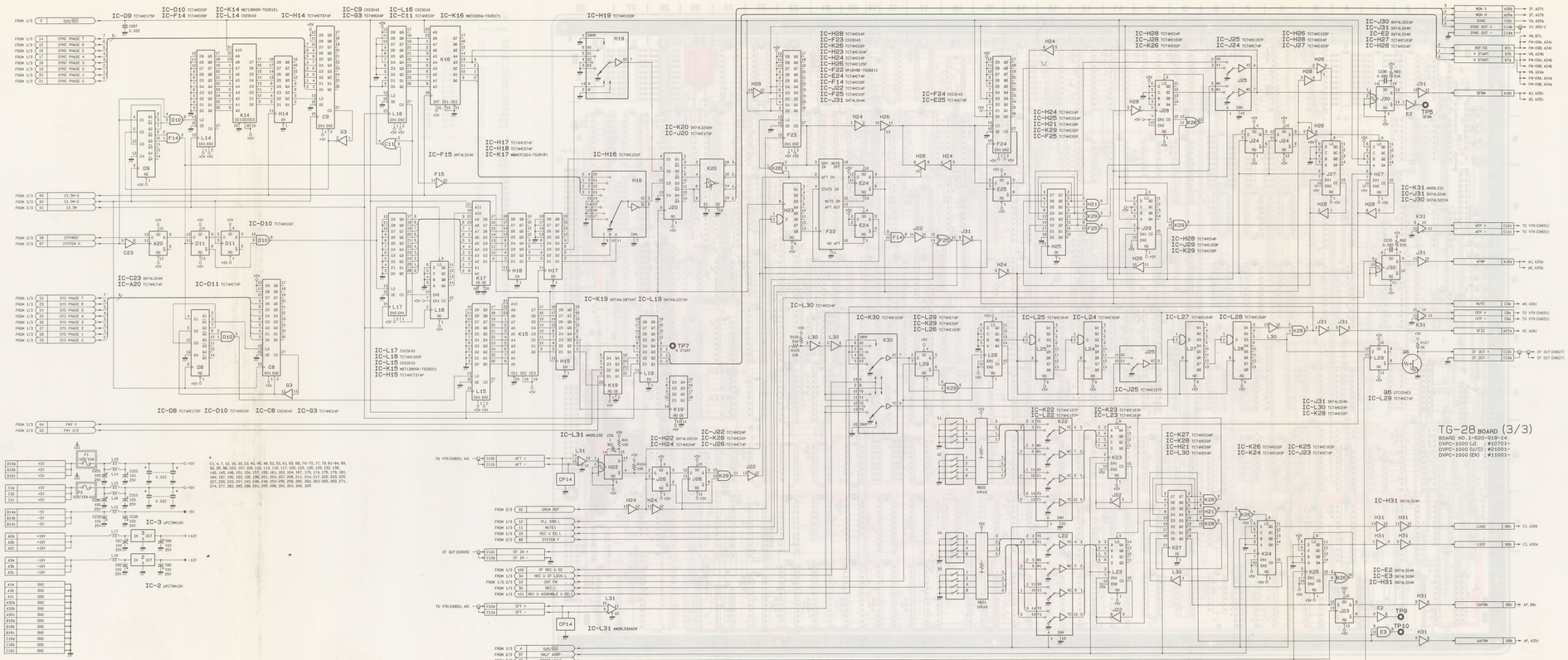
B-191 (2/2) (b)

CARD RACK TG-28 (3/3) BOARD TG-28 (3/3) BOARD CARD RACK

TG-28 BOARD (3/3)

Timing Generator

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

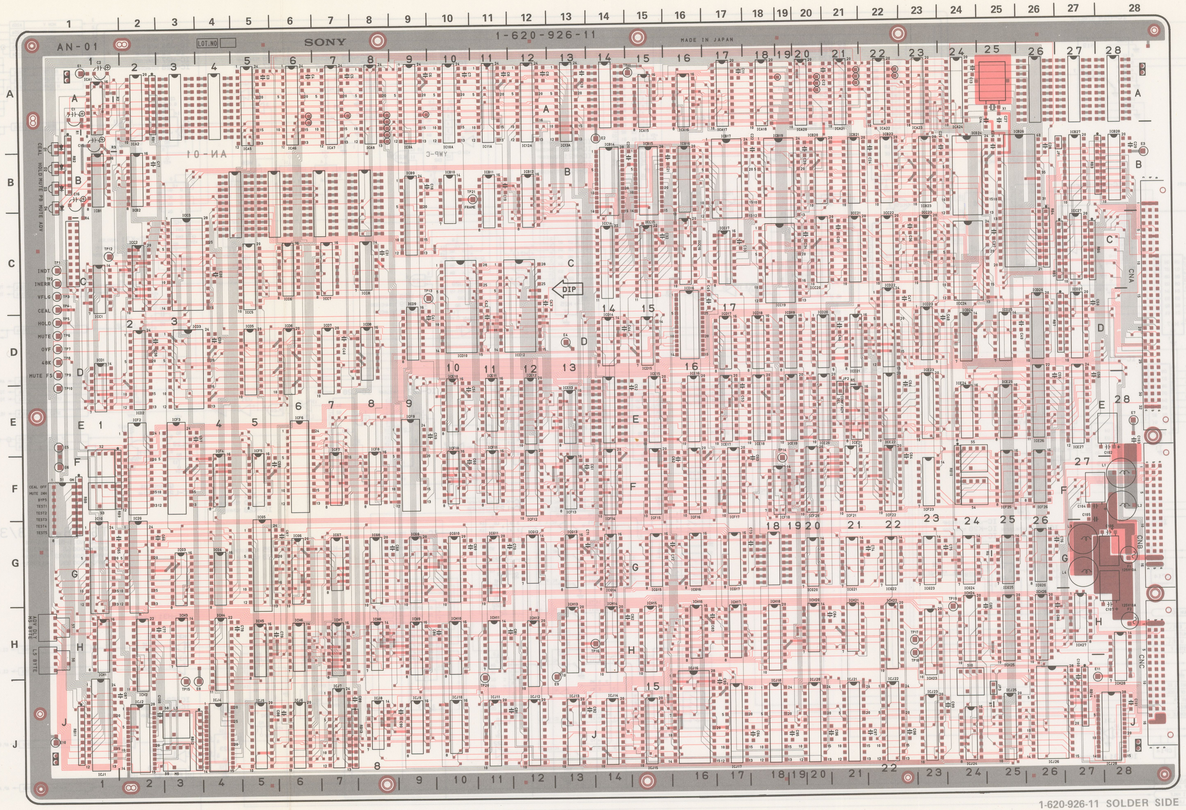


CARD RACK AN-01 BOARD AN-01 BOARD CARD RACK

AN-01 BOARD (1-620-926-11)

Component Side

10001 TO 10699 (J)
10001 TO 20999 (UC)
10001 TO 10999 (EK)



1-620-926-11 COMPONENT SIDE

1-620-926-11 SOLDER SIDE

B-199 (a)

B-200 (a)

AN-01 (1-620-926-11)

DVPC-1000

D1	A1	TP6	D1
D2	B1	TP7	D1
D3	B1	TP8	D1
D4	B1	TP9	D1
		TP10	E1
E1	A1	TP11	A15
E2	A14	TP12	C1
E3	B28	TP13	C9
E4	D13	TP14	F18
E5	E1	TP15	J3
E6	F1	TP16	H14
E7	E28	TP17	H23
E8	J3	TP18	H23
E9	J13	TP19	H24
E10	J1	TP20	J11
E11	J27	TP21	B13
F1	G28	X1	A25
F2	H28		
JP1	B27		
JP2	E21		
JP3	J25		
RB1	A2		
RB2	B1		
RB3	B27		
RB4	C26		
RB5	C26		
RB6	C27		
RB7	D26		
RB8	F1		
RB9	F1		
RB10	F24		
RB11	J1		
RB12	J24		
RB13	J1		
RB14	J27		
S1	F1		
S2	F1		
S3	F1		
S4	F24		
S5	F24		
S6	H1		
S7	H1		
S8	J3		
S9	J3		
S10	J24		
TP1	C1		
TP2	C1		
TP3	C1		
TP4	C1		
TP5	D1		

B-201 (a)

AN-01 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A1	16	8
IC A2	20	10
IC A6	24	12
IC A7	24	12
IC A8	24	12
IC A9	24	12
IC A10	24	12
IC A11	24	12
IC A12	24	12
IC A13	24	12
IC A15	16	8
IC A16	16	8
IC A18	20	10
IC A20	20	10
IC A21	20	10
IC A22	20	10
IC A23	20	10
IC A24	20	10
IC B1	16	8
IC B2	16	8
IC B9	24	12
IC B10	14	7
IC B11	16	8
IC B12	16	8
IC B14	28	14
IC B15	28	14
IC B16	20	10
IC B17	24	12
IC B19	24	12
IC B20	20	10
IC B21	20	10
IC B22	20	10
IC B23	20	10
IC B24	24	12
IC B26	28,40	20
IC B27	20	10
IC B28	20	10
IC C1	14	7
IC C2	20	10
IC C3	20	10
IC C5	20	10
IC C6	16	8
IC C7	16	8
IC C8	14	7
IC C14	22	11
IC C15	22	11
IC C16	20	10
IC C17	16	8
IC C19	24	12
IC C20	20	10
IC C21	20	10
IC C22	20	10
IC C23	20	10
IC C24	24	12
IC C27	20	10
IC D1	14	7
IC D2	24	12
IC D3	24	12
IC D5	20	10
IC D6	20	10
IC D7	20	10
IC D8	16	8
IC D9	16	8
IC D10	21	7
IC D12	21	7
IC D14	14	7
IC D15	14	7
IC D17	16	8
IC D18	16	8
IC D19	16	8
IC D20	16	8
IC D21	16	8
IC D22	24	12
IC D23	16	8
IC D24	14	7
IC D25	14	7
IC D26	20	10
IC D27	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC E10	16	8
IC E11	16	8
IC E12	20	10
IC E13	16	8
IC E15	20	10
IC E16	20	10
IC E17	20	10
IC E18	20	10
IC E19	20	10
IC E20	20	10
IC E21	16	8
IC E22	20	10
IC E23	20	10
IC E24	16	8
IC E25	16	8
IC E26	22	11
IC E27	24	12
IC F2	24	12
IC F3	24	12
IC F4	16	8
IC F5	16	8
IC F6	24	12
IC F7	16	8
IC F8	16	8
IC F9	24	12
IC F10	16	8
IC F11	16	8
IC F12	20	10
IC F13	16	8
IC F14	20	10
IC F15	20	10
IC F16	20	10
IC F17	20	10
IC F18	14	7
IC F20	20	10
IC F21	20	10
IC F22	20	10
IC F23	14	7
IC F25	16	8
IC F26	16	8
IC G1	24	12
IC G2	24	12
IC G3	16	8
IC G4	16	8
IC G5	24	12
IC G6	20	10
IC G7	16	8
IC G8	20	10
IC G9	20	10
IC G10	20	10
IC G11	20	10
IC G12	14	7
IC G13	16	8
IC G14	16	8
IC G15	16	8
IC G16	16	8
IC G17	16	8
IC G20	14	7
IC G21	14	7
IC G22	14	7
IC G23	14	7
IC G24	14	7
IC G25	14	7
IC G26	16	8
IC H1	16	8
IC H2	22	11
IC H3	14	7
IC H4	22	11
IC H5	16	8
IC H6	14	7
IC H7	16	8
IC H8	14	7
IC H9	16	8
IC H10	16	8
IC H11	14	7
IC H12	20	10
IC H13	20	10
IC H14	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC H15	20	10
IC H16	16	8
IC H17	16	8
IC H18	20	10
IC H20	14	7
IC H21	14	7
IC H22	20	10
IC H23	20	10
IC H24	20	10
IC H25	20	10
IC H26	20	10
IC H27	14	7
IC H28	14	7
IC J1	24	12
IC J2	28	14
IC J4	28	14
IC J5	20	10
IC J6	20	10
IC J7	24	12
IC J8	14	7
IC J9	16	8
IC J10	16	8
IC J11	20	10
IC J12	20	10
IC J13	20	10
IC J14	20	10
IC J15	20	10
IC J16	1,28	14
IC J17	16	7
IC J18	18	7
IC J20	14	7
IC J21	18	7
IC J22	14	7
IC J23	20	10
IC J24	16	8
IC J25	20	10
IC J26	1,28	14
IC J28	28	14

B-202 (a)

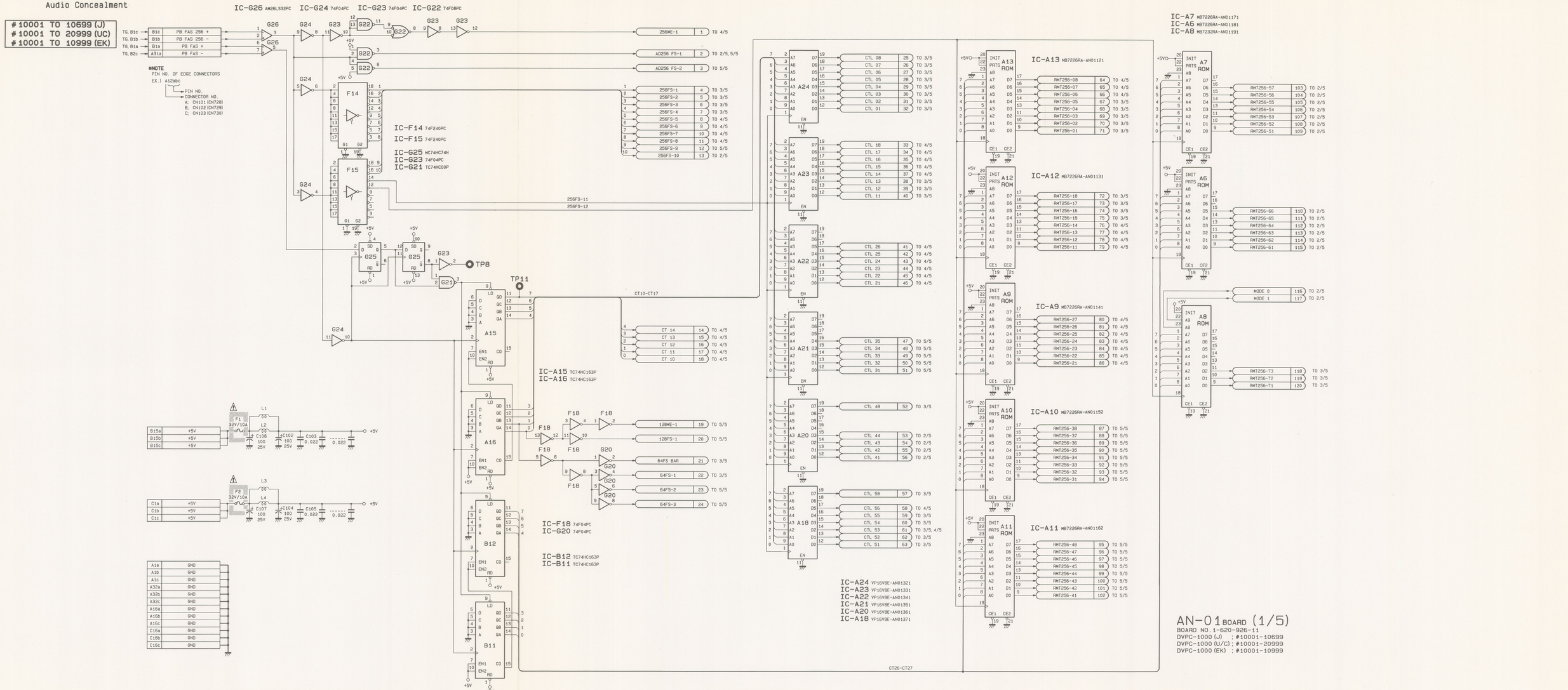
AN-01 (1/5) BOARD CARD RACK

CARD RACK AN-01 (1/5) BOARD

AN-01 BOARD (1/5)

Audio Concealment

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



AN-01 BOARD (1/5)
BOARD NO. 1-620-926-11
DVPC-1000 (J) ; #10001-10699
DVPC-1000 (U/C) ; #10001-20999
DVPC-1000 (EK) ; #10001-10999

AN-01 BOARD (1/5)
BOARD NO. 1-829-926-11
DWG-1000 (LJ) (#10001-10999)
DWG-1000 (UJ) (#10001-10999)
DWG-1000 (EK) (#10001-10999)
IC-A7 M27256-M0101
IC-A8 M27256-M0102
IC-A13 M27256-M0121
IC-A12 M27256-M0120
IC-A9 M27256-M0119
IC-A10 M27256-M0118
IC-A11 M27256-M0117
IC-A24 M74LS08-M0163
IC-A23 M74LS08-M0162
IC-A22 M74LS08-M0161
IC-A21 M74LS08-M0160
IC-A20 M74LS08-M0159
IC-A19 M74LS08-M0158
IC-A14 M74LS08-M0164
IC-A15 M74LS08-M0165
IC-A16 M74LS08-M0166
IC-A17 M74LS08-M0167
IC-A18 M74LS08-M0168
IC-A19 M74LS08-M0169
IC-A20 M74LS08-M0170
IC-A21 M74LS08-M0171
IC-A22 M74LS08-M0172
IC-A23 M74LS08-M0173
IC-A24 M74LS08-M0174
IC-A12 M74LS08-M0175
IC-A13 M74LS08-M0176
IC-B11 M74LS08-M0177
IC-B12 M74LS08-M0178
IC-B13 M74LS08-M0179
IC-B14 M74LS08-M0180
IC-B15 M74LS08-M0181
IC-B16 M74LS08-M0182
IC-B17 M74LS08-M0183
IC-B18 M74LS08-M0184
IC-B19 M74LS08-M0185
IC-B20 M74LS08-M0186
IC-B21 M74LS08-M0187
IC-B22 M74LS08-M0188
IC-B23 M74LS08-M0189
IC-B24 M74LS08-M0190
IC-B25 M74LS08-M0191
IC-B26 M74LS08-M0192
IC-B27 M74LS08-M0193
IC-B28 M74LS08-M0194
IC-B29 M74LS08-M0195
IC-B30

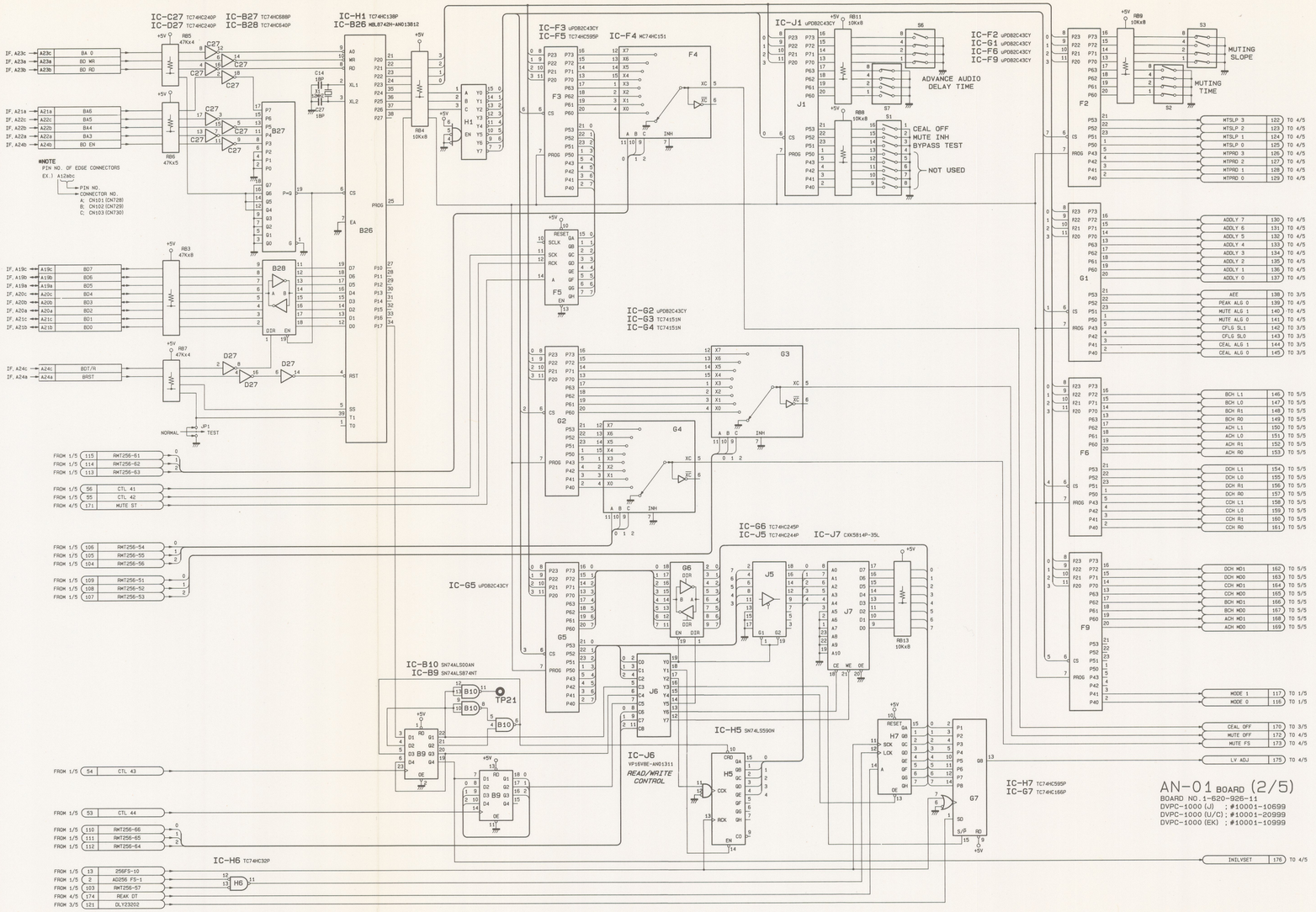
AN-01 (2/5) BOARD CARD RACK

CARD RACK AN-01 (2/5) BOARD

AN-01 BOARD (2/5)

Audio Concealment

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

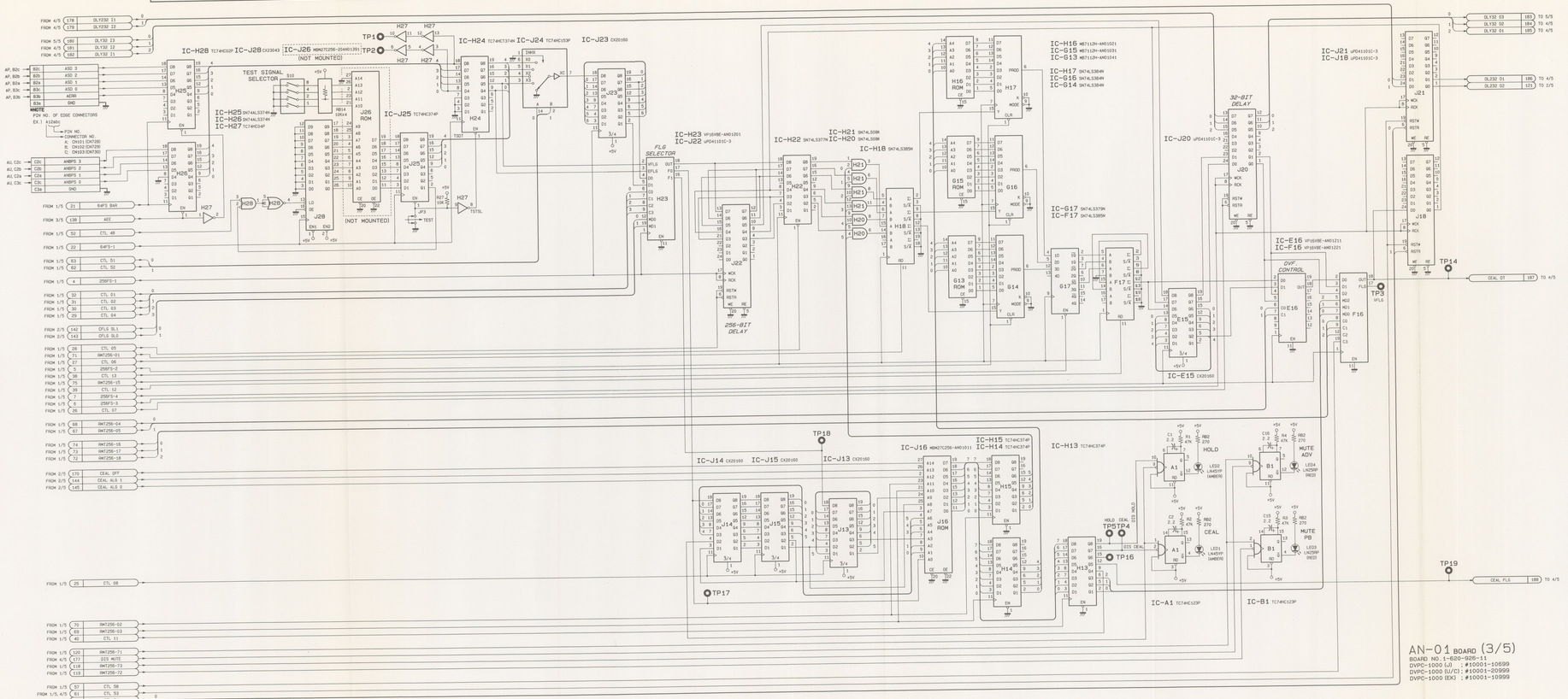


CARD RACK AN-01 (3/5) BOARD AN-01 (3/5) BOARD CARD RACK

AN-01 BOARD (3/5)

Audio Concealment

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



AN-01 BOARD (3/5)

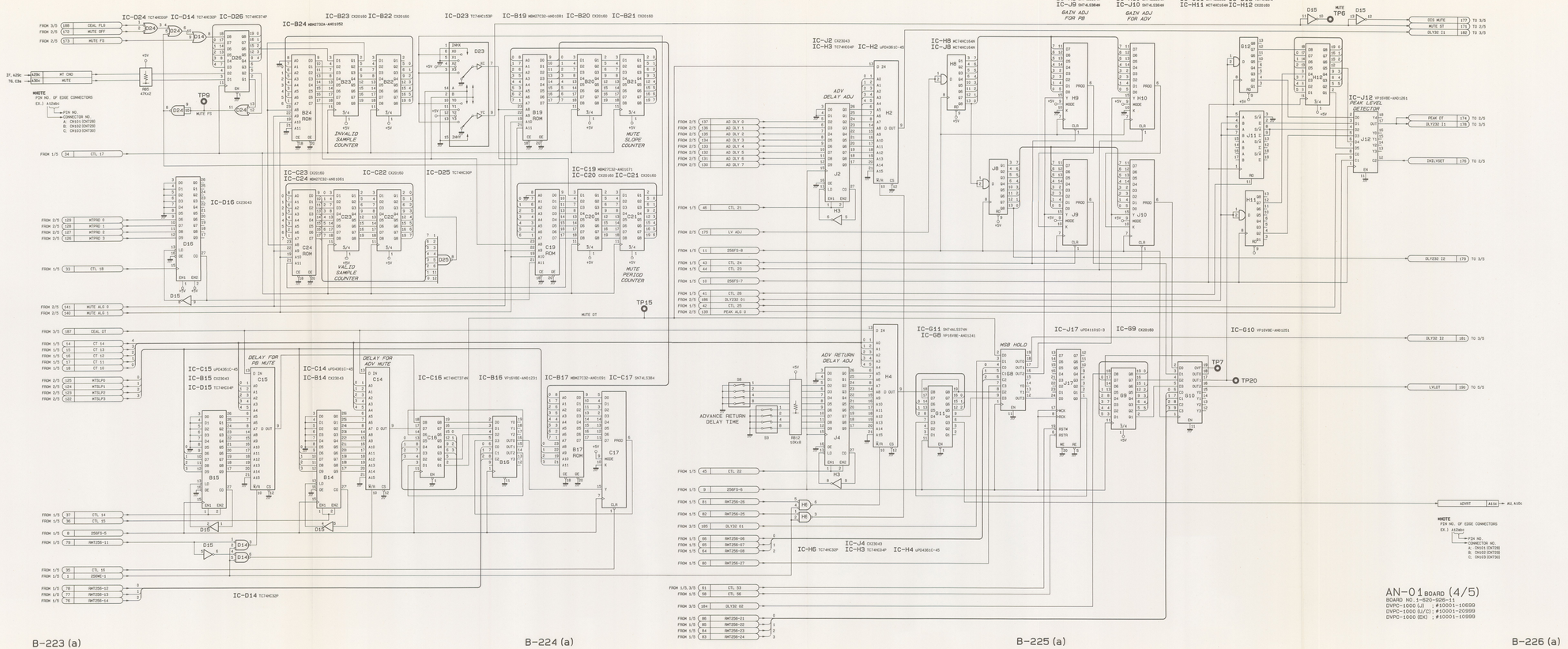
BOARD NO.:-620-926-11
DVPC-1000 (J) : #10001-10699
DVPC-1000 (U/C) : #10001-20999
DVPC-1000 (EK) : #10001-10999

CARD RACK AN-01 (4/5) BOARD AN-01 (4/5) BOARD CARD RACK

AN-01 BOARD (4/5)

Audio Concealment

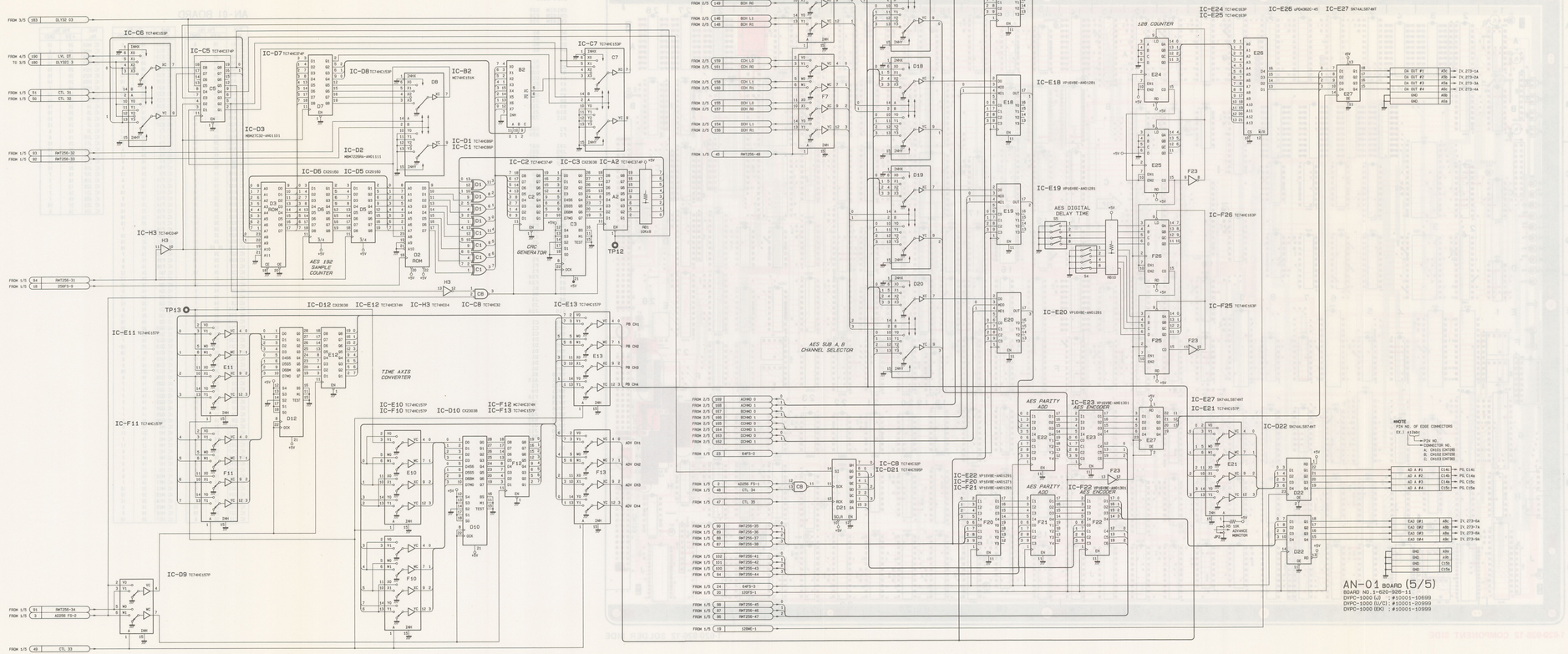
#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



AN-01 BOARD (5/5)

Audio Concealment

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

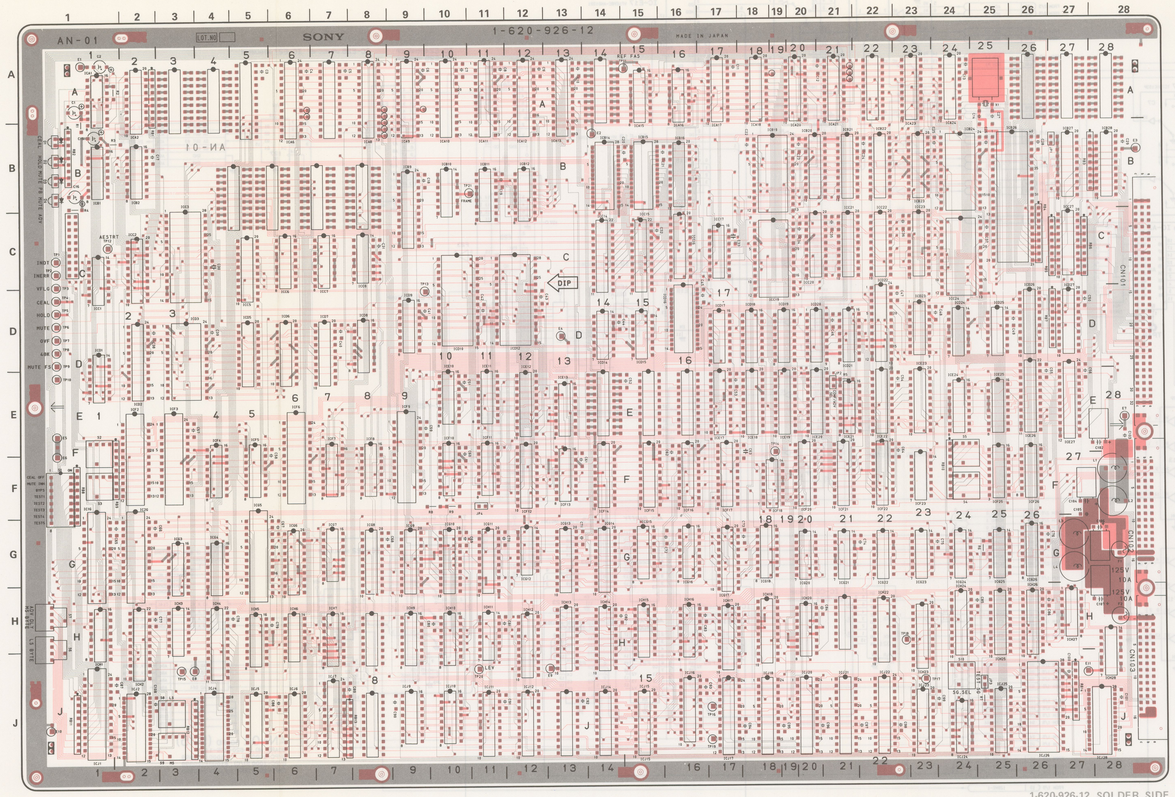


B-231 (a) B-232 (a) B-233 (a) B-234 (a)

AN-01 BOARD (1-620-926-12)

Component Side

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



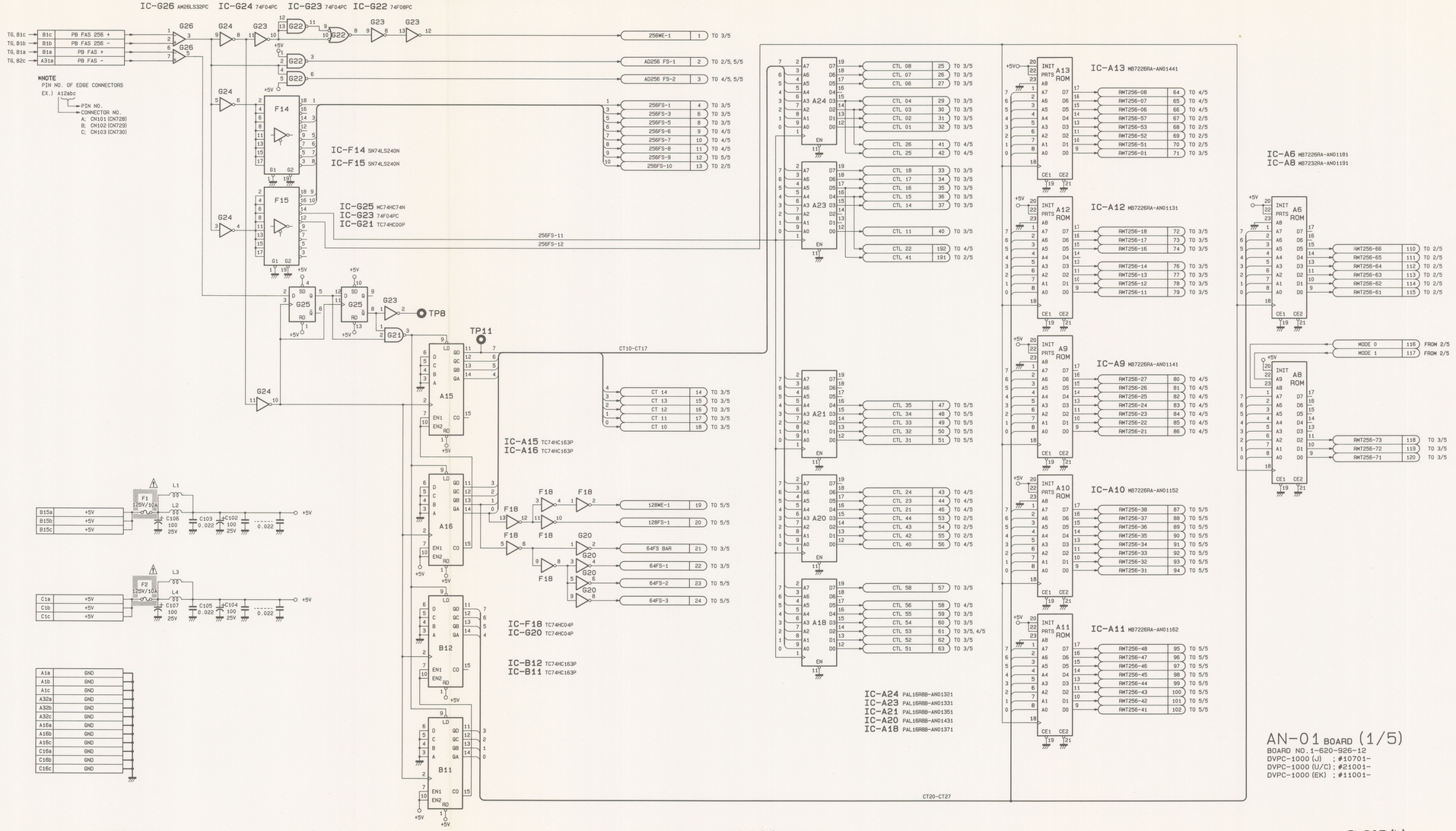
AN-01 (1/5) BOARD CARD RACK

CARD RACK AN-01 (1/5) BOARD

AN-01 BOARD (1/5)

Audio Concealment

10701 & UP (J)
21001 & UP (UC)
11001 & UP (EK)



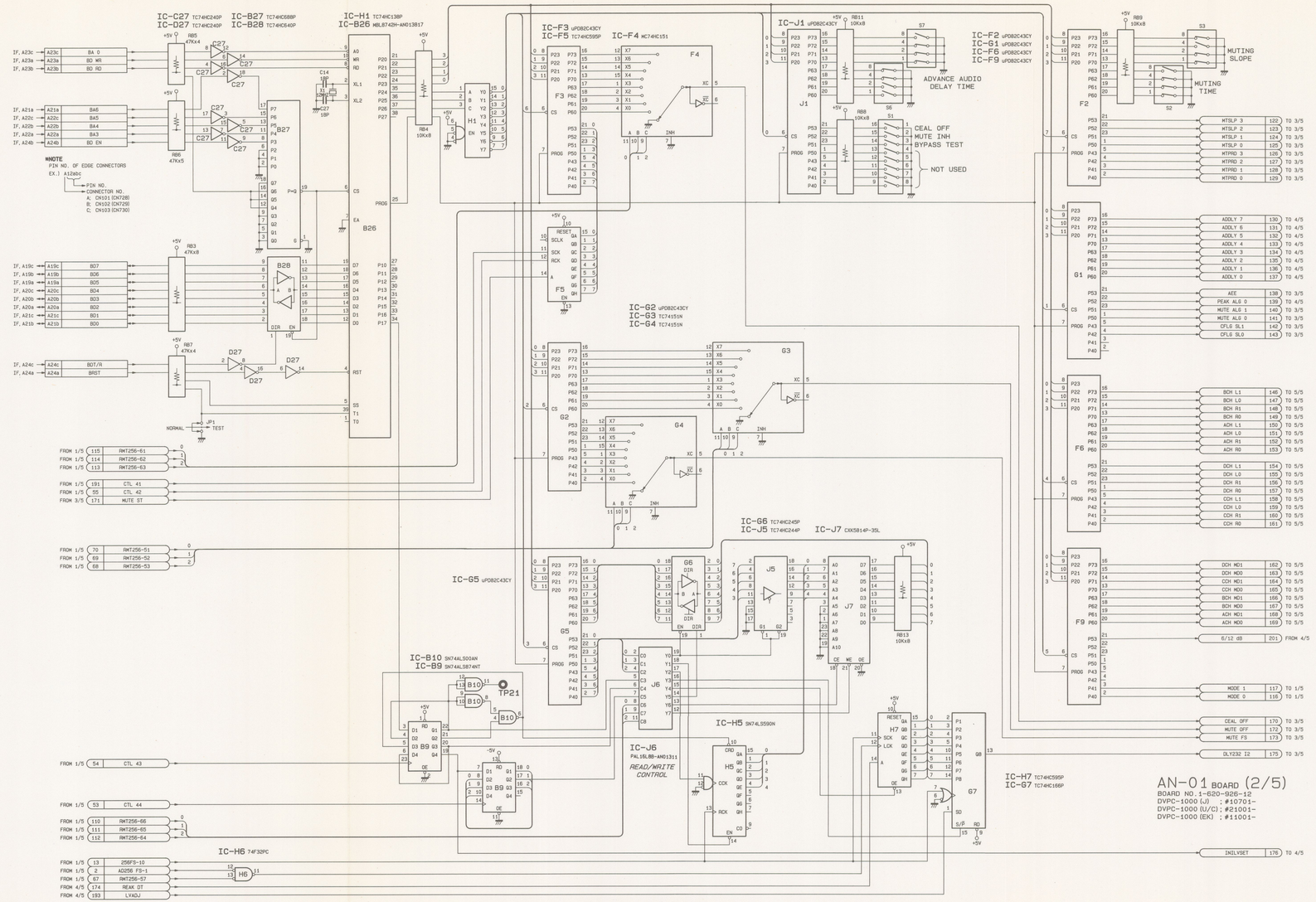
AN-01 BOARD (1/5)
BOARD NO.1-620-926-12
DVPC-1000 (J) ; #10701-
DVPC-1000 (U/C); #21001-
DVPC-1000 (EK) ; #11001-

AN-01 (2/5) BOARD CARD RACK
CARD RACK AN-01 (2/5) BOARD

AN-01 BOARD (2/5)

Audio Concealment

10701 & UP (J)
21001 & UP (UC)
11001 & UP (EK)

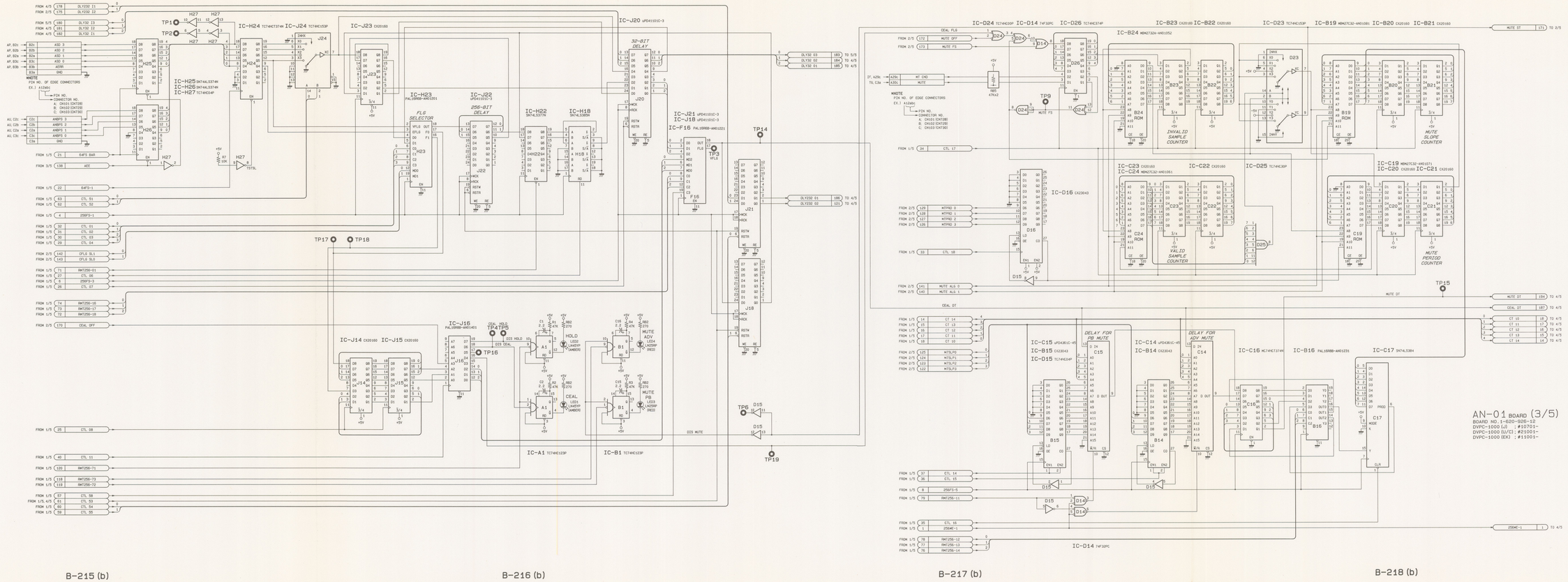


CARD RACK AN-01 (3/5) BOARD AN-01 (3/5) BOARD CARD RACK

AN-01 BOARD (3/5)

Audio Concealment

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

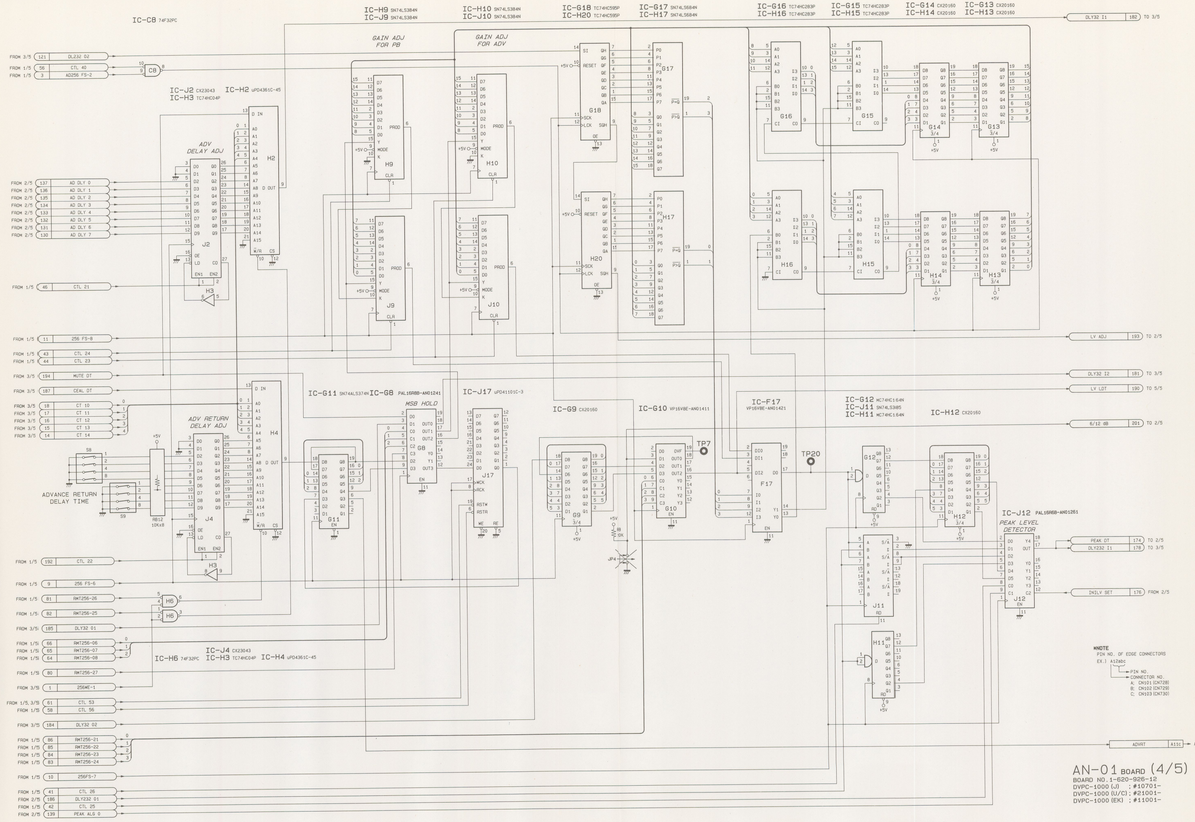


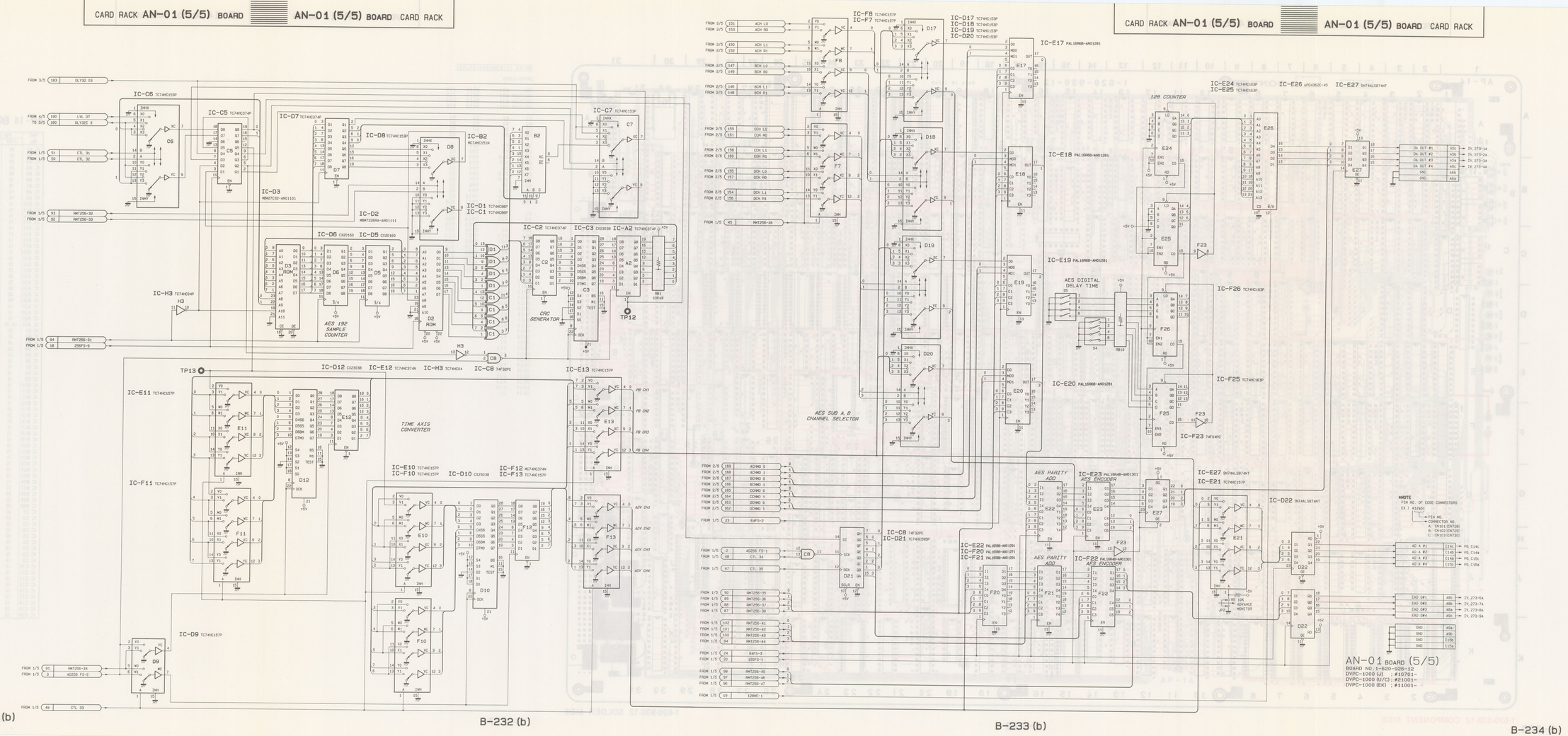
CARD RACK AN-01 (4/5) BOARD AN-01 (4/5) BOARD CARD RACK

AN-01 BOARD (4/5)

Audio Concealment

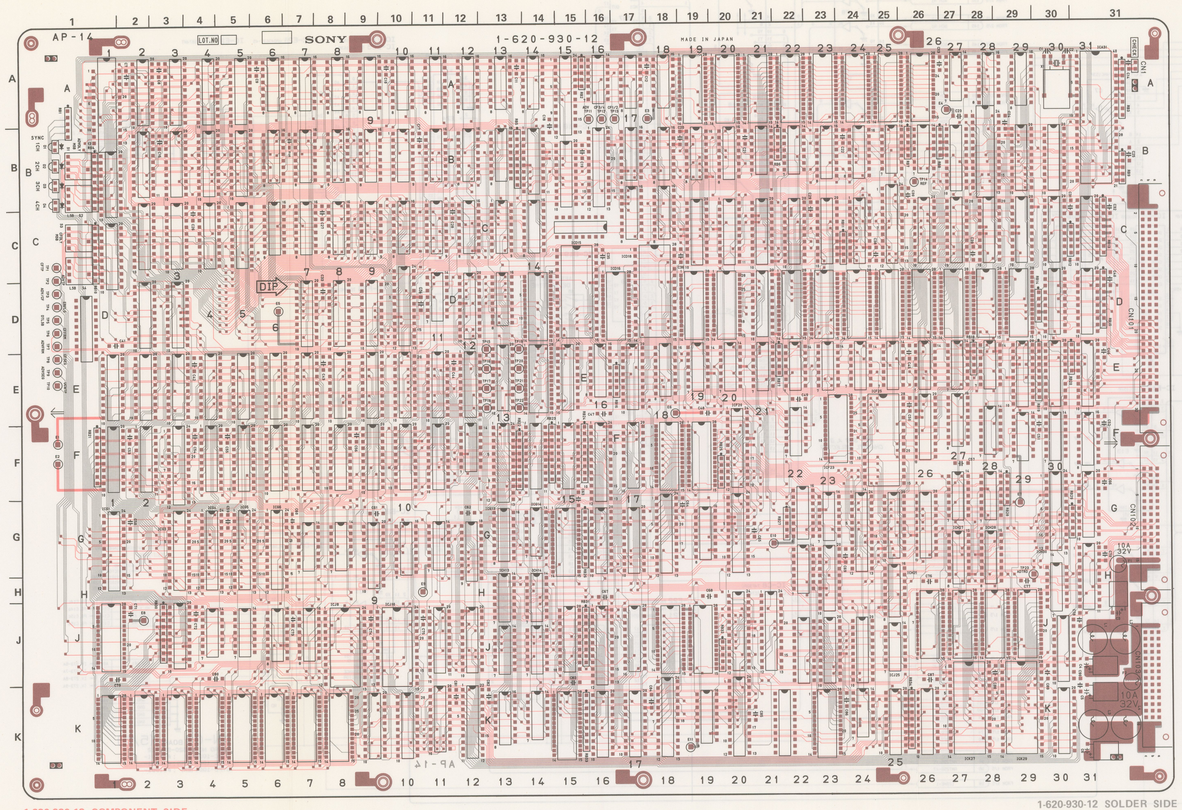
#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)




AES 192 SAMPLE COUNTER
CRC GENERATOR
TIME AXIS CONVERTER
AES SUB A, B CHANNEL SELECTOR
128 COUNTER
AES DIGITAL DELAY TIME
AES PARITY ADD
AES ENCODER
AN-01 BOARD (5/5)
BOARD NO.:1-620-926-12
DVPC-1000 (J) : #10701-
DVPC-1000 (U/C): #21001-
DVPC-1000 (EK) : #11001-

AP-14 BOARD (1-620-930-12)

Component Side



1-620-930-12 COMPONENT SIDE

1-620-930-12 SOLDER SIDE

AP-14 (1-620-930-11,12)

DVPC-1000

CN1	A11	RB31	J15
CN101M	D31	RB32	J20
CN102M	G31	RB33	K15
CN103M	J31	RB34	K26
D1	B1	S1	B1
D2	B1	S2	B1
D3	B1	S3	C1
D4	B1	S4	C1
E1	F1	TP1	C1
E2	F1	TP2	C1
E3	A18	TP3	D1
E4	A27	TP4	D1
E5	D6	TP5	D1
E6	E18	TP6	D1
E7	G29	TP7	D1
E8	H1	TP8	E1
E9	H11	TP9	E1
E10	G21	TP10	E1
E11	K19	TP11	A16
		TP12	A17
F1	G31	TP13	A17
F2	J31	TP14	B26
		TP15	D13
RB1	A1	TP16	E13
RB2	A15	TP17	E13
RB3	A31	TP18	E13
RB4	B1	TP19	D13
RB5	B13	TP20	E13
RB6	B22	TP21	E13
RB7	B26	TP22	E13
RB8	B29	TP23	B29
RB9	C21		
RB10	C1	X1	A30
RB11	C24		
RB12	C30		
RB13	C31		
RB14	D30		
RB15	D31		
RB16	E17		
RB17	E22		
RB18	E28		
RB19	E30		
RB20	E30		
RB21	F1		
RB22	F13		
RB23	F14		
RB24	F15		
RB25	F20		
RB26	G15		
RB27	G22		
RB28	F29		
RB29	G30		
RB30	J3		

AP-14 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A1	24	12
IC A2	20	10
IC A3	20	10
IC A4	20	10
IC A5	20	10
IC A6	16	8
IC A7	16	8
IC A8	16	8
IC A9	16	8
IC A10	16	8
IC A11	16	8
IC A12	16	8
IC A13	24	12
IC A14	16	8
IC A15	24	12
IC A16	14	7
IC A17	16	8
IC A18	16	8
IC A19	28	14
IC A20	28	14
IC A21	28	14
IC A22	28	14
IC A23	28	14
IC A24	28	14
IC A25	28	14
IC A26	28	14
IC A27	14	7
IC A28	16	8
IC A29	16	8
IC A31	26,40	20
IC B1	20	10
IC B2	20	10
IC B3	20	10
IC B4	20	10
IC B5	20	10
IC B6	16	8
IC B7	16	8
IC B8	16	8
IC B9	16	8
IC B10	16	8
IC B11	16	8
IC B12	16	8
IC B13	16	8
IC B14	20	10
IC B15	20	10
IC B16	24	12
IC B17	16	8
IC B18	16	8
IC B19	16	8
IC B20	16	8
IC B21	14	7
IC B22	14	7
IC B23	16	8
IC B24	16	8
IC B25	14	7
IC B26	14	7
IC B27	20	10
IC B28	24	12
IC B29	20	10
IC B30	20	10
IC C1	20	10
IC C2	20	10
IC C3	20	10
IC C4	20	10
IC C5	20	10
IC C6	16	8
IC C7	16	8
IC C8	16	8
IC C9	16	8
IC C10	16	8
IC C11	16	8
IC C12	16	8
IC C13	16	8
IC C14	16	8
IC C17	16	8
IC C18	16	8
IC C19	20	10
IC C20	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC C21	20	10
IC C22	20	10
IC C23	20	10
IC C24	20	10
IC C25	20	10
IC C26	20	10
IC C27	20	10
IC C28	20	10
IC C29	20	10
IC C30	20	10
IC C31	20	10
IC D2	20	10
IC D3	20	10
IC D7	20	10
IC D8	20	10
IC D9	20	10
IC D10	16	8
IC D11	14	7
IC D12	20	10
IC D13	16	8
IC D14	28	14
IC D15	1,28	14
IC D16	28	14
IC D18	1,28	14
IC D19	28	14
IC D20	28	14
IC D21	20	10
IC D22	28	14
IC D23	28	14
IC D24	28	14
IC D25	28	14
IC D26	28	14
IC D27	28	14
IC D28	28	14
IC D29	28	14
IC D30	20	10
IC D31	20	10
IC E1	20	10
IC E2	20	10
IC E3	20	10
IC E4	20	10
IC E5	20	10
IC E6	20	10
IC E7	20	10
IC E8	20	10
IC E9	20	10
IC E10	20	10
IC E11	20	10
IC E12	20	10
IC E13	20	10
IC E14	28	14
IC E15	20	10
IC E16	16	8
IC E17	20	10
IC E18	16	8
IC E19	14	7
IC E20	14	7
IC E21	14	7
IC E22	14	7
IC E23	14	7
IC E24	14	7
IC E25	14	7
IC E26	14	7
IC E27	14	7
IC E28	14	7
IC E29	20	10
IC E30	20	10
IC E31	20	10
IC F1	20	10
IC F2	20	10
IC F3	24	12
IC F4	20	10
IC F5	20	10
IC F6	20	10
IC F7	20	10
IC F8	20	10
IC F9	20	10
IC F10	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC F11	20	10
IC F12	14	7
IC F13	24	12
IC F14	20	10
IC F15	20	10
IC F16	24	12
IC F17	20	10
IC F18	28	14
IC F19	28	14
IC F20	24	12
IC F22	14	7
IC F23	28	14
IC F25	1,28	14
IC F26	20	10
IC F27	16	8
IC F28	14	7
IC F29	14	7
IC F30	14	7
IC F31	16	8
IC G1	24	12
IC G3	24	12
IC G4	24	12
IC G5	24	12
IC G6	24	12
IC G7	14	7
IC G8	14	7
IC G9	20	10
IC G10	16	8
IC G11	14	7
IC G12	18	9
IC G13	16	8
IC G14	14	7
IC G15	28	14
IC G16	20	10
IC G17	20	10
IC G18	24	12
IC G19	16	8
IC G20	24	12
IC G22	16	8
IC G23	14	7
IC G24	24	12
IC G25	20	10
IC G26	20	10
IC G27	14	7
IC G28	14	7
IC G30	24	12
IC G31	20	10
IC H13	14	7
IC H14	14	7
IC H22	14	7
IC H23	20	10
IC H25	16	8
IC H27	16	8
IC H28	16	8
IC H30	14	7
IC H31	20	10
IC J1	28	14
IC J3	20	10
IC J4	14	7
IC J5	14	7
IC J6	16	8
IC J7	16	8
IC J8	24	12
IC J10	24	12
IC J11	20	10
IC J12	20	10
IC J13	14	7
IC J14	14	7
IC J15	20	10
IC J16	24	12
IC J17	20	10
IC J18	28	14
IC J19	28	14
IC J20	24	12
IC J21	24	12
IC J23	20	10
IC J24	20	10
IC J25	14	7

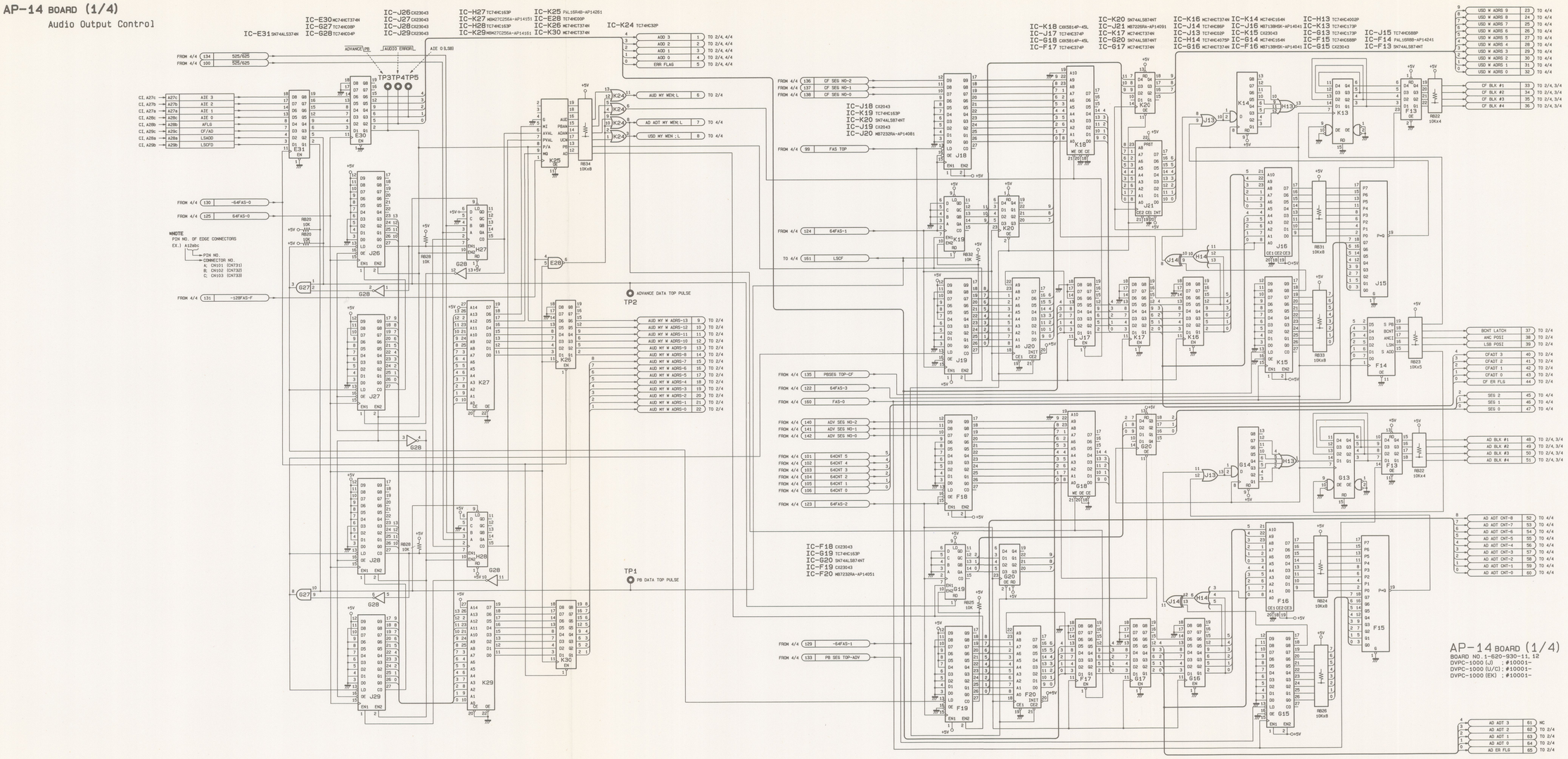
Ref. No.	Pin No. +5V	Pin No. GND
IC J26	28	14
IC J27	28	14
IC J28	28	14
IC J29	28	14
IC J30	20	10
IC K1	28	14
IC K2	28	14
IC K3	28	14
IC K4	28	14
IC K5	28	14
IC K6	28	14
IC K7	28	14
IC K8	28	14
IC K9	20	10
IC K10	20	10
IC K11	20	10
IC K12	22	11
IC K13	16	8
IC K14	14	7
IC K15	28	14
IC K16	20	10
IC K17	20	10
IC K18	24	12
IC K19	16	8
IC K20	24	12
IC K23	28	14
IC K24	14	7
IC K25	20	10
IC K26	20	10
IC K27	1,28	14
IC K29	1,28	14
IC K30	20	10

AP-14 (1/4) BOARD CARD RACK

CARD RACK AP-14 (1/4) BOARD

AP-14 BOARD (1/4)

Audio Output Control

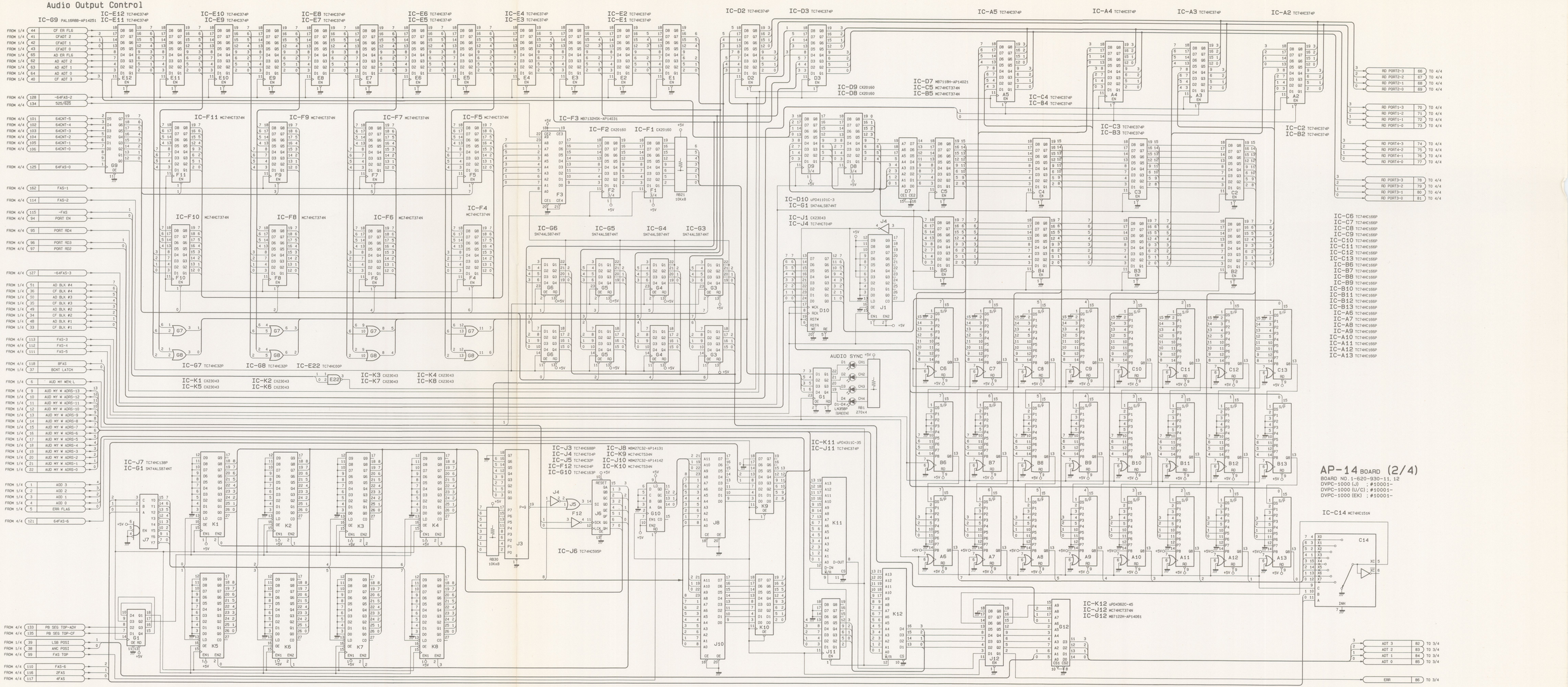


AP-14 (2/4) BOARD CARD RACK

CARD RACK AP-14 (2/4) BOARD

AP-14 BOARD (2/4)

Audio Output Control

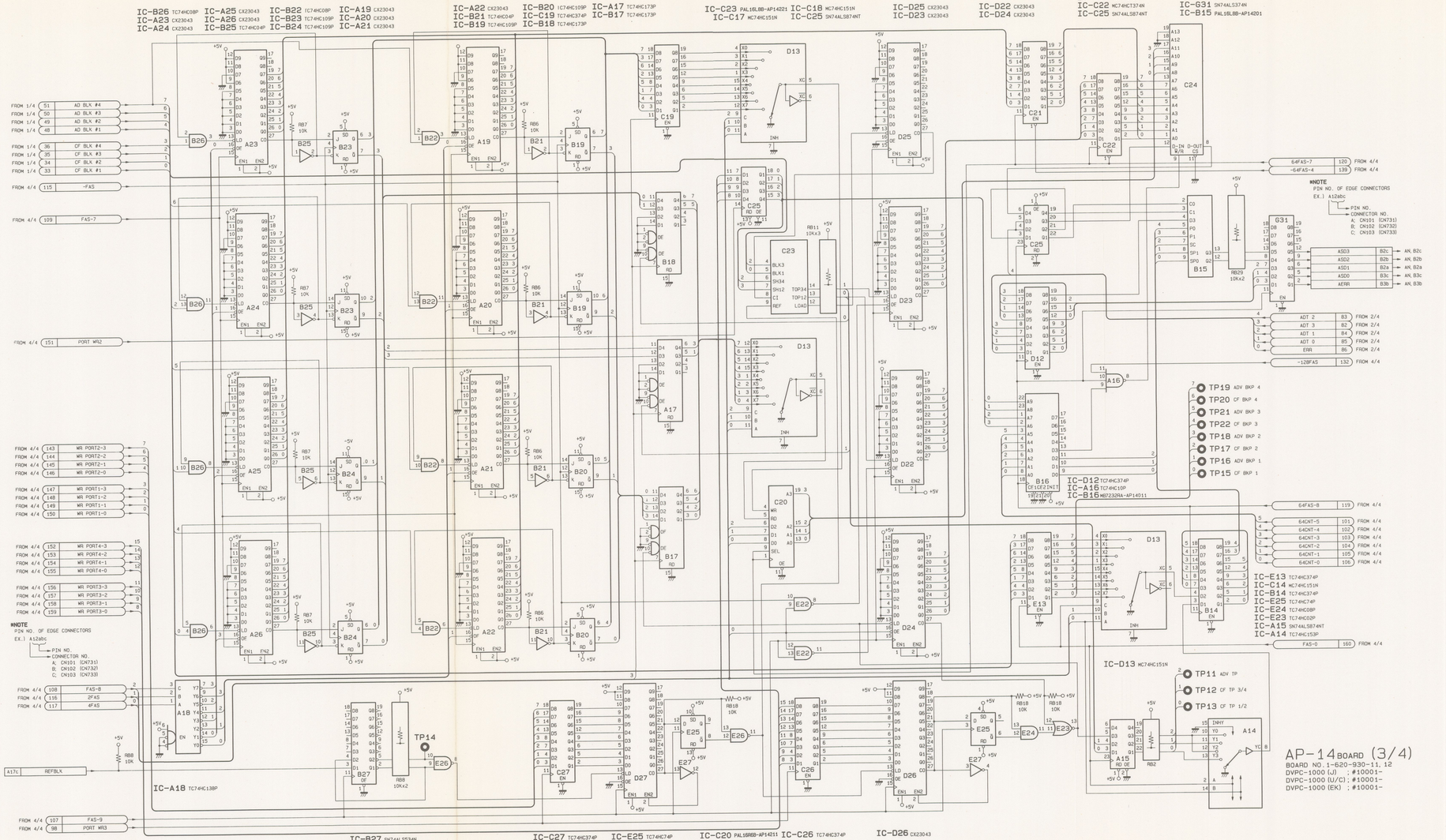


AP-14 (3/4) BOARD CARD RACK

CARD RACK AP-14 (3/4) BOARD

AP-14 BOARD (3/4)

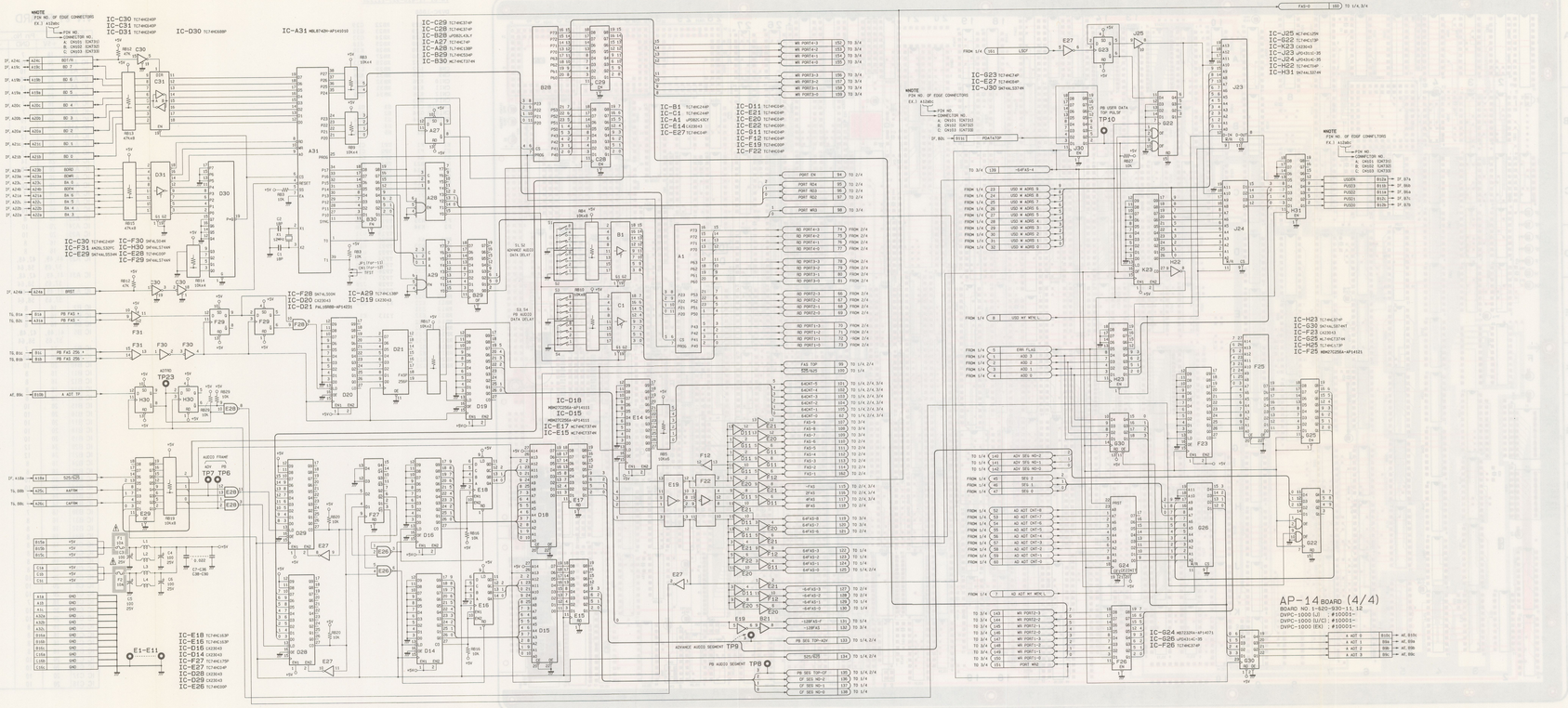
Audio Output Control



CARD RACK AP-14 (4/4) BOARD AP-14 (4/4) BOARD CARD RACK

AP-14 BOARD (4/4)

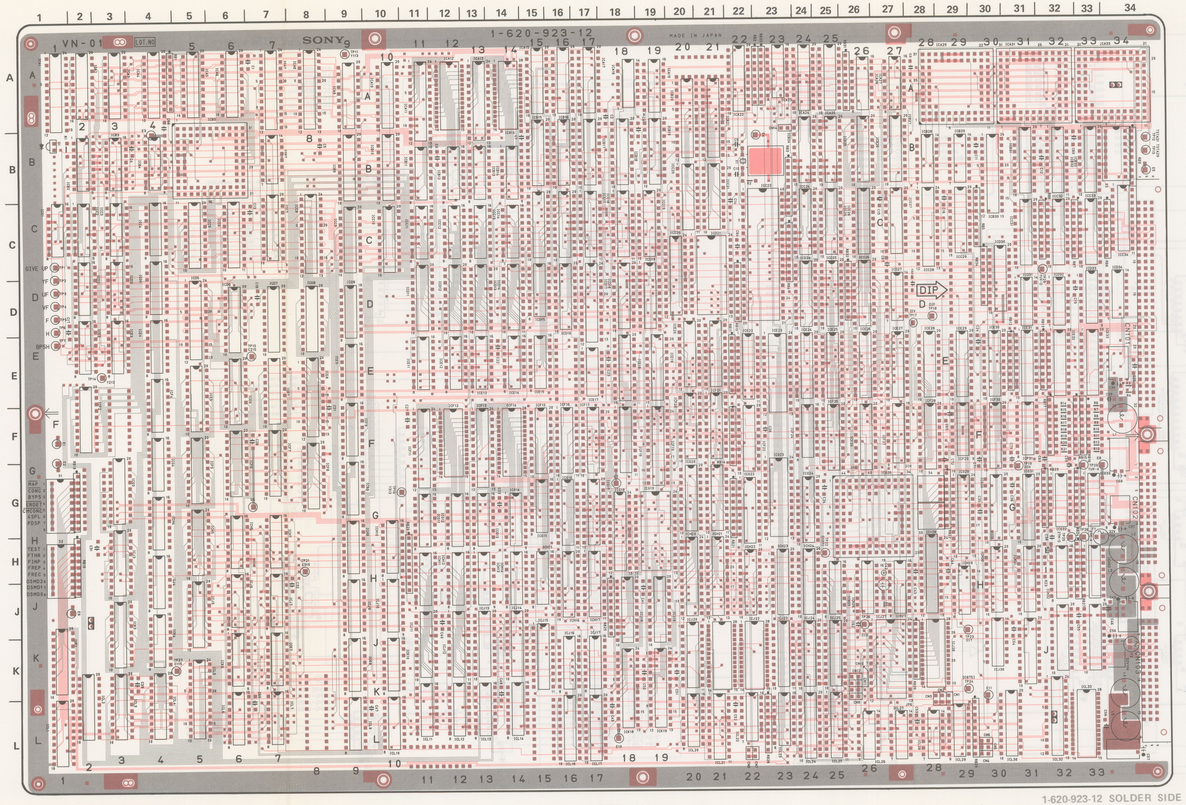
Audio Output Control



VN-01 BOARD (1-620-923-12)

Component Side

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



B-261 (a)

1-620-923-12 COMPONENT SIDE

B-262 (a)

1-620-923-12 SOLDER SIDE

VN-01 (1-620-923-11,12)

DVPC-1000

CN1	K29	RB22	G29
CN2	L29	RB23	G32
CN3	L28	RB24	G33
CN4	L30	RB25	J18
CN5	L30	RB26	K28
CN6	L30	RB27	H32
CN7	L22	RB28	L23
CN8	L22	RB29	L30
CN9	L26	RB31	A26
CN10	K26	RB32	G26
CN11	K26	RB33	A23
CN12	K26	RB34	D30
CN14	B23		
CN101M	C34	S1	G1
CN102M	G34	S2	H1
CN103M	K34	S3	K34
		S4	G28
D1	B1	S5	G28
E1	F1	TP1	C1
E2	F1	TP2	C1
E3	B4	TP3	D1
E4	B23	TP4	D1
E5	B34	TP5	D1
E6	F1	TP6	D1
E7	G18	TP7	R1
E8	G33	TP13	A9
E9	J1	TP12	B34
E10	L18	TP13	B34
E11	K30	TP15	E7
		TP16	G10
F1	H33	TP17	D28
F2	K34	TP18	D28
		TP19	G31
RB1	A4	TP20	G33
RB2	A23	TP21	H8
RB3	B23	TP22	K25
RB4	C23	TP24	K29
RB5	C30	TP25	K32
RB6	C32	TP26	B33
RB7	C32	TP27	K5
RB8	C34	TP28	J26
RB9	B34	TP29	C32
RB10	D22		
RB11	E22	X1	B22
RB12	E31		
RB13	E32	Y213	E3
RB14	F22		
RB15	F33		
RB16	F33		
RB17	F32		
RB18	G2		
RB19	H2		
RB20	H11		
RB21	G22		

B-263 (a)

VN-01 BOARD

Ref. No.	Pin No. +5V	GND	−5V
IC A1	18	7	
IC A2	20	10	
IC A3	20	10	
IC A4	20	10	
IC A5	20	10	
IC A6	20	10	
IC A7	18	7	
IC A8	18	7	
IC A9	20	10	
IC A10	20	10	
IC A11	24	12	
IC A12	28	14	
IC A13	24	12	
IC A14	28	14	
IC A15	20	10	
IC A16	20	10	
IC A17	20	10	
IC A18	14	7	
IC A19	16	8	
IC A22	20	10	
IC A23	16	8	
IC A24	20	10	
IC A25	20	10	
IC A26	16	8	
IC A27	16	8	
IC A28	41, 49, 57, 65	42, 48, 58, 64	
IC A31	41, 49, 57, 65	42, 48, 58, 64	
IC A33	41, 49, 57, 65	42, 48, 58, 64	
IC B2	16	8	
IC B3	16	8	
IC B4	16	8	
IC B5	41, 49, 57, 65	42, 48, 58, 64	
IC B7	14	7	
IC B9	20	10	
IC B10	20	10	
IC B11	16	8	
IC B12	16	8	
IC B13	16	8	
IC B14	16	8	
IC B15	20	10	
IC B16	20	10	
IC B17	20	10	
IC B18	20	10	
IC B19	20	10	
IC B20	24	12	
IC B21	24	12	
IC B24	16	8	
IC B25	16	8	
IC B26	20	10	
IC B27	20	10	
IC B28	14	7	
IC B29	14	7	
IC B30	18	7	
IC B31	16	8	
IC B32	16	8	
IC B33	16	8	
IC C1	16	8	
IC C2	16	8	
IC C3	16	8	
IC C4	16	8	
IC C5	20	10	
IC C6	20	10	
IC C7	20	10	
IC C8	18	7	
IC C9	20	10	
IC C10	20	10	
IC C11	16	8	
IC C12	16	8	
IC C13	16	8	
IC C14	16	8	
IC C15	20	10	
IC C16	20	10	
IC C17	20	10	
IC C18	20	10	

Ref. No.	Pin No. +5V	GND	−5V
IC C19	20	10	
IC C20	20	10	
IC C21	20	10	
IC C23	26, 40	20	
IC C24	26	14	
IC C25	20	10	
IC C26	20	10	
IC C27	20	10	
IC C28	24	12	
IC C29	20	10	
IC C31	20	10	
IC C32	20	10	
IC C33	20	10	
IC C34	20	10	
IC D2	16	8	
IC D3	16	8	
IC D4	16	8	
IC D5	18	7	
IC D6	20	10	
IC D7	20	10	
IC D8	20	10	
IC D9	16	8	
IC D11	20	10	
IC D12	20	10	
IC D13	20	10	
IC D14	20	10	
IC D15	16	8	
IC D16	20	10	
IC D17	18	7	
IC D18	20	10	
IC D19	20	10	
IC D20	24	12	
IC D21	24	12	
IC D24	20	10	
IC D25	20	10	
IC D26	20	10	
IC D27	14	7	
IC D30	20	10	
IC D31	14	7	
IC D32	14	7	
IC D33	16	8	
IC D34	14	7	
IC E2	16	8	
IC E3	16	8	
IC E4	16	8	
IC E5	20	10	
IC E6	20	10	
IC E7	20	10	
IC E8	18	7	
IC E9	16	8	
IC E11	16	8	
IC E12	16	8	
IC E13	16	8	
IC E14	16	8	
IC E15	16	8	
IC E17	14	7	
IC E18	20	10	
IC E19	20	10	
IC E20	20	10	
IC E21	20	10	
IC E22	20	10	
IC E23	24	12	
IC E24	20	10	
IC E25	20	10	
IC E26	20	10	
IC E27	20	10	
IC E28	20	10	
IC E29	20	10	
IC E30	20	10	
IC E31	20	10	
IC E32	20	10	
IC E33	20	10	
IC F2	20	10	
IC F4	16	8	
IC F5	20	10	
IC F6	20	10	
IC F7	20	10	
IC F8	20	10	

Ref. No.	Pin No. +5V	GND	−5V
IC F9	16	8	
IC F11	24	12	
IC F12	28	14	
IC F13	24	12	
IC F14	28	14	
IC F15	20	10	
IC F16	20	10	
IC F17	20	10	
IC F18	20	10	
IC F19	18	7	
IC F20	16	8	
IC F21	16	8	
IC F22	20	10	
IC F24	16	8	
IC F25	20	10	
IC F26	20	10	
IC F27	18	9	
IC F28	20	10	
IC F29	9	16	8
IC F30	20	10	
IC F31	9	16	8
IC G3	20	10	
IC G4	16	8	
IC G9	16	8	
IC G11	16	8	
IC G12	16	8	
IC G13	16	8	
IC G14	16	8	
IC G15	16	8	
IC G16	20	10	
IC G17	20	10	
IC G18	24	12	
IC G19	24	12	
IC G20	20	10	
IC G21	20	10	
IC G22	20	10	
IC G23	24	12	
IC G24	20	10	
IC G26	81, 82, 85, 86	83, 84, 87, 88	
IC G29	18	7	
IC G30	20	10	
IC G31	20	10	
IC G32	9	16	8
IC G33	9	16	8
IC H4	16	8	
IC H5	20	10	
IC H6	16	8	
IC H7	16	8	
IC H9	16	8	
IC H10	16	8	
IC H11	16	8	
IC H12	16	8	
IC H13	16	8	
IC H14	16	8	
IC H15	16	8	
IC H16	20	10	
IC H17	20	10	
IC H20	24	12	
IC H21	24	12	
IC H22	20	10	
IC H23	20	10	
IC H24	20	10	
IC H25	16	8	
IC H26	16	8	
IC H27	16	8	
IC H28	18	7	
IC H29	14	7	
IC H30	20	10	
IC H31	20	10	
IC H32	9	16	8
IC H33	9	16	8
IC J3	20	10	
IC J4	16	8	
IC J5	20	10	
IC J6	16	8	
IC J7	16	8	
IC J9	16	8	

Ref. No.	Pin No. +5V	GND	−5V
IC J10	16	8	
IC J11	20	10	
IC J12	20	10	
IC J13	20	10	
IC J14	20	10	
IC J15	20	10	
IC J16	16	8	
IC J17	16	8	
IC J18	20	10	
IC J19	20	10	
IC J20	20	10	
IC J21	28	14	
IC J22	28	14	
IC J23	20	10	
IC J24	20	10	
IC J25	20	10	
IC J27	24	12	
IC J28	28	14	
IC J30	14	7	
IC J31	20	10	
IC J32	20	10	
IC J33	20	10	
IC K1	20	10	
IC K3	20	10	
IC K4	16	8	
IC K6	16	8	
IC K7	16	8	
IC K9	16	8	
IC K10	16	8	
IC K18	24	12	
IC K19	24	12	
IC L1	20	10	
IC L2	20	10	
IC L3	20	10	
IC L4	20	10	
IC L5	18	7	
IC L6	16	8	
IC L7	16	8	
IC L9	16	8	
IC L10	16	8	
IC L11	16	8	
IC L12	16	8	
IC L13	16	8	
IC L14	16	8	
IC L16	20	10	
IC L17	20	10	
IC L20	16	8	
IC L21	20	10	
IC L22	14	7	
IC L23	16	8	
IC L24	20	10	
IC L25	20	10	
IC L26	14	7	
IC L27	14	7	
IC L28	14	7	
IC L29	16	8	
IC L30	20	10	
IC L32	24	12	
IC L33	28	14	

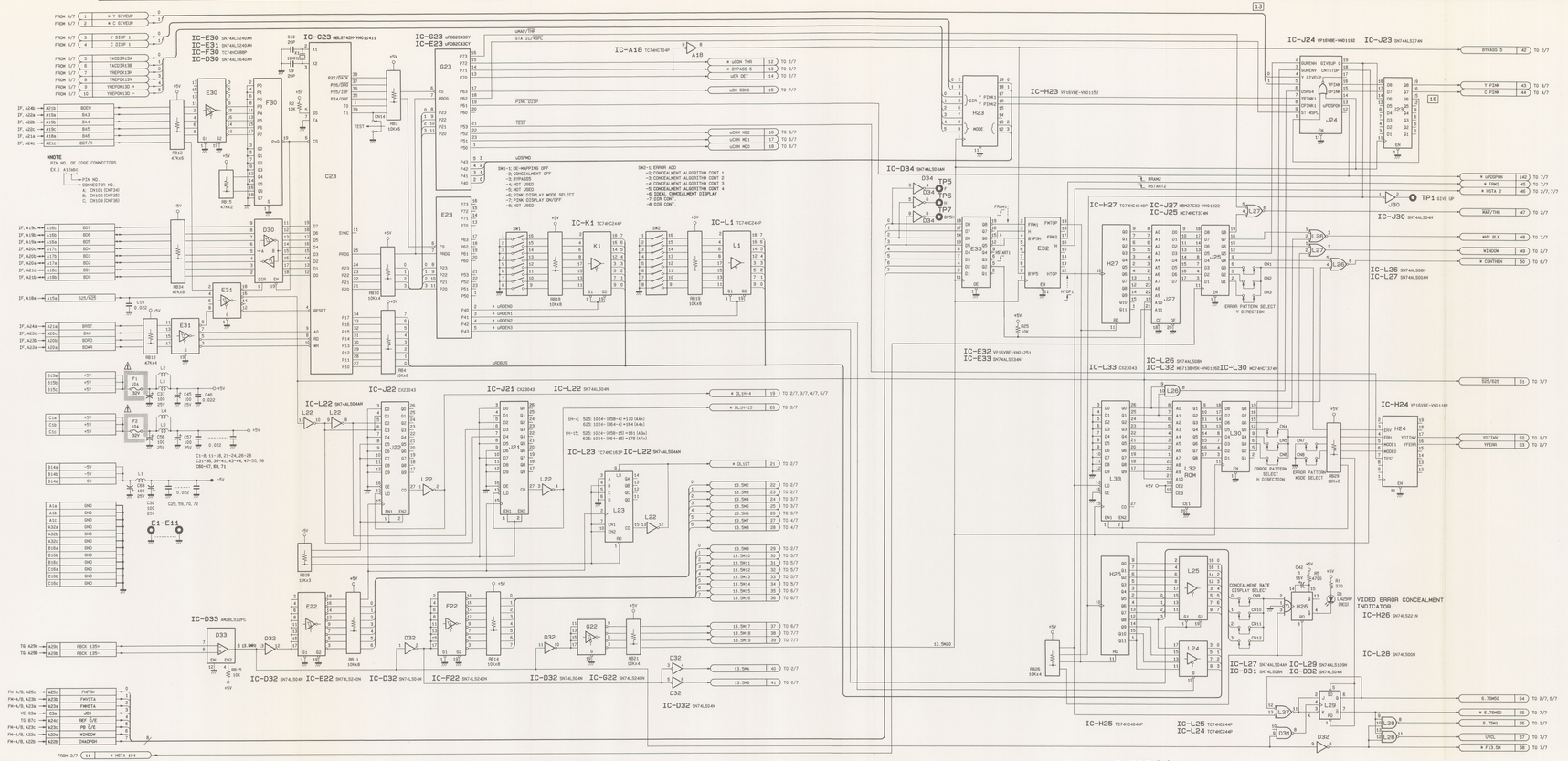
B-264 (a)

CARD RACK VN-01 (1/7) BOARD VN-01 (1/7) BOARD CARD RACK

VN-01 BOARD (1/7)

Video Concealment

10001 TO 10699 (J)
10001 TO 20999 (UC)
10001 TO 10999 (EK)



VN-01 BOARD (1/7)
BOARD NO. 1-820-923-11, 12
DVPC-1000 (J) : #10001-10699
DVPC-1000 (U/C) : #10001-20999
DVPC-1000 (EK) : #10001-10999

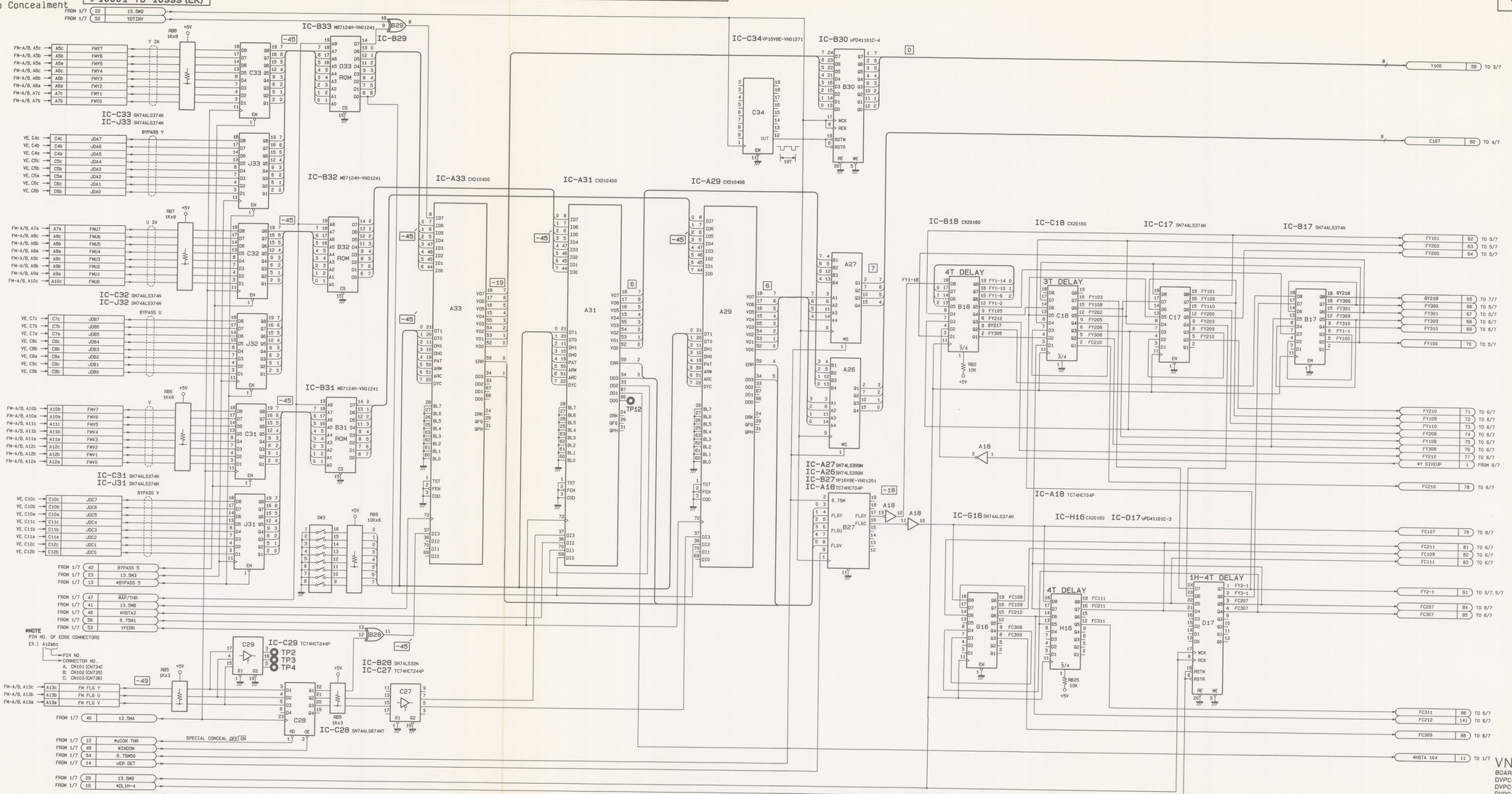
VN-01 BOARD (2/7)

Video Concealment

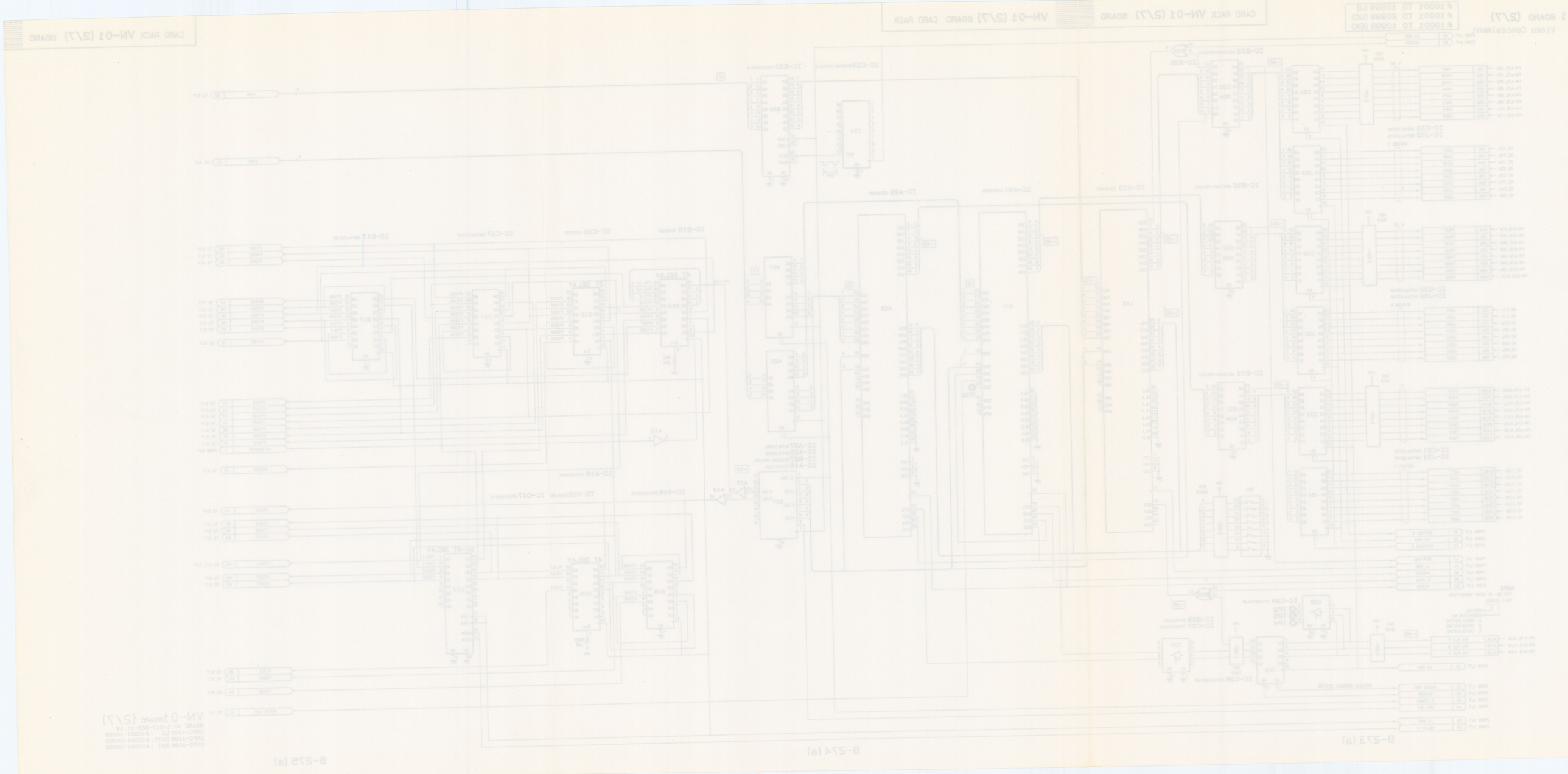
10001 TO 10699 (J)
10001 TO 20999 (UC)
10001 TO 10999 (EK)

VN-01 (2/7) BOARD CARD RACK

CARD RACK VN-01 (2/7) BOARD



VN-01 BOARD (2/7)
BOARD NO. 1-617-923-11.12
DVPC-1000 (J) : #10001-10699
DVPC-1000 (U/C) : #10001-20999
DVPC-1000 (EK) : #10001-10999

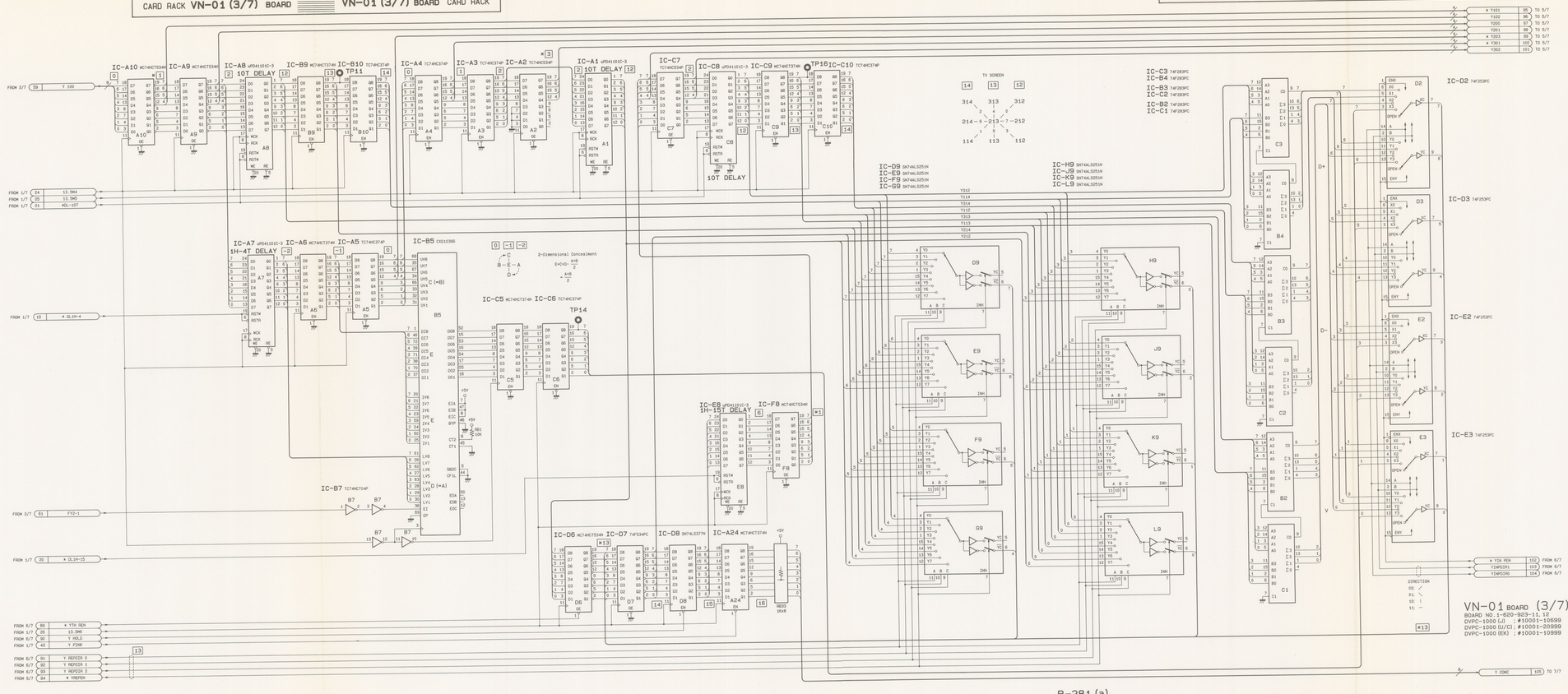


CARD RACK VN-01 (3/7) BOARD VN-01 (3/7) BOARD CARD RACK

VN-01 BOARD (3/7)

Video Concealment

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



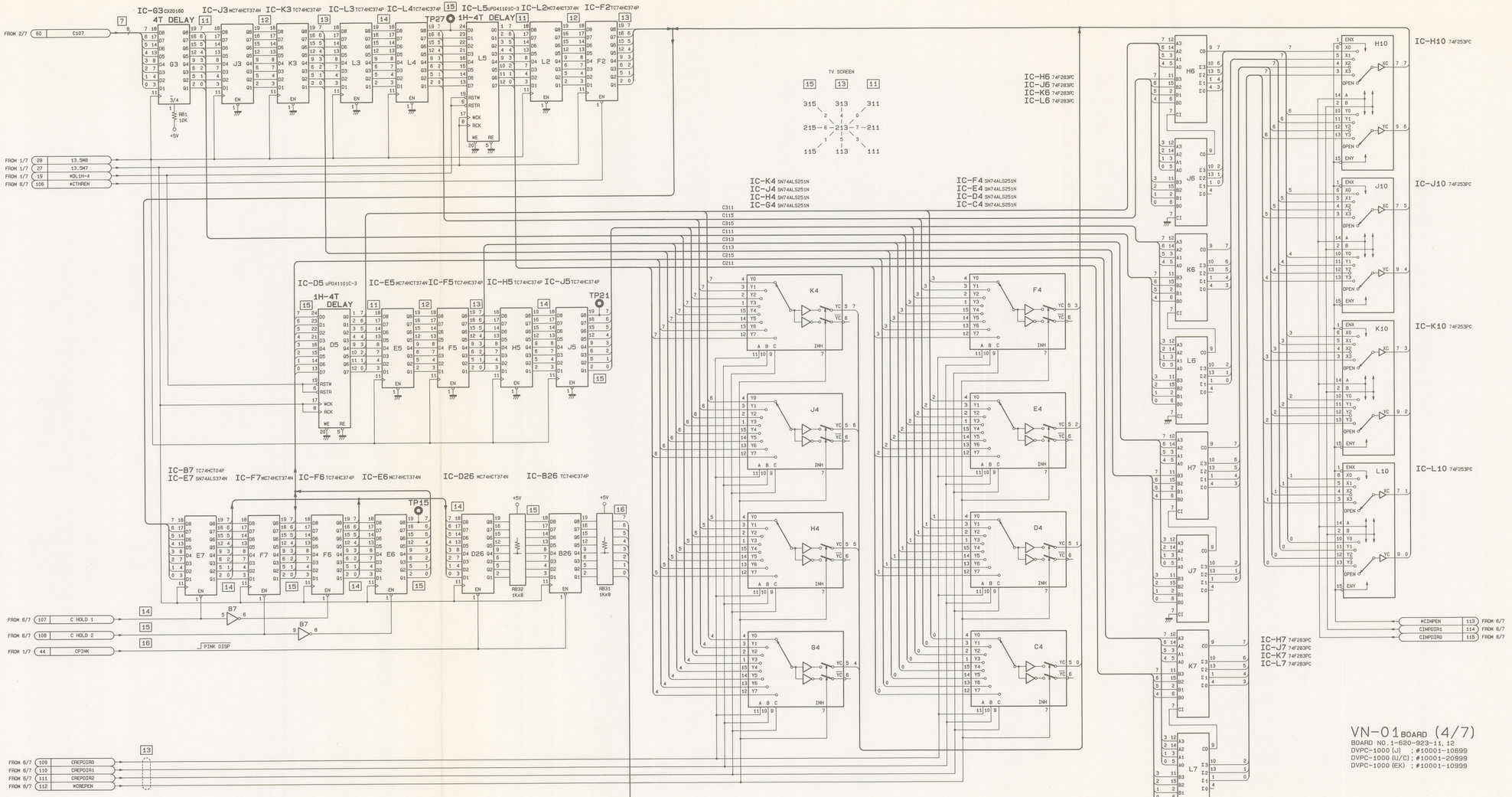
VN-01 (4/7) BOARD CARD RACK

CARD RACK VN-01 (4/7) BOARD

VN-01 BOARD (4/7)

Video Concealment

10001 TO 10699 (J)
10001 TO 20999 (UC)
10001 TO 10999 (EK)

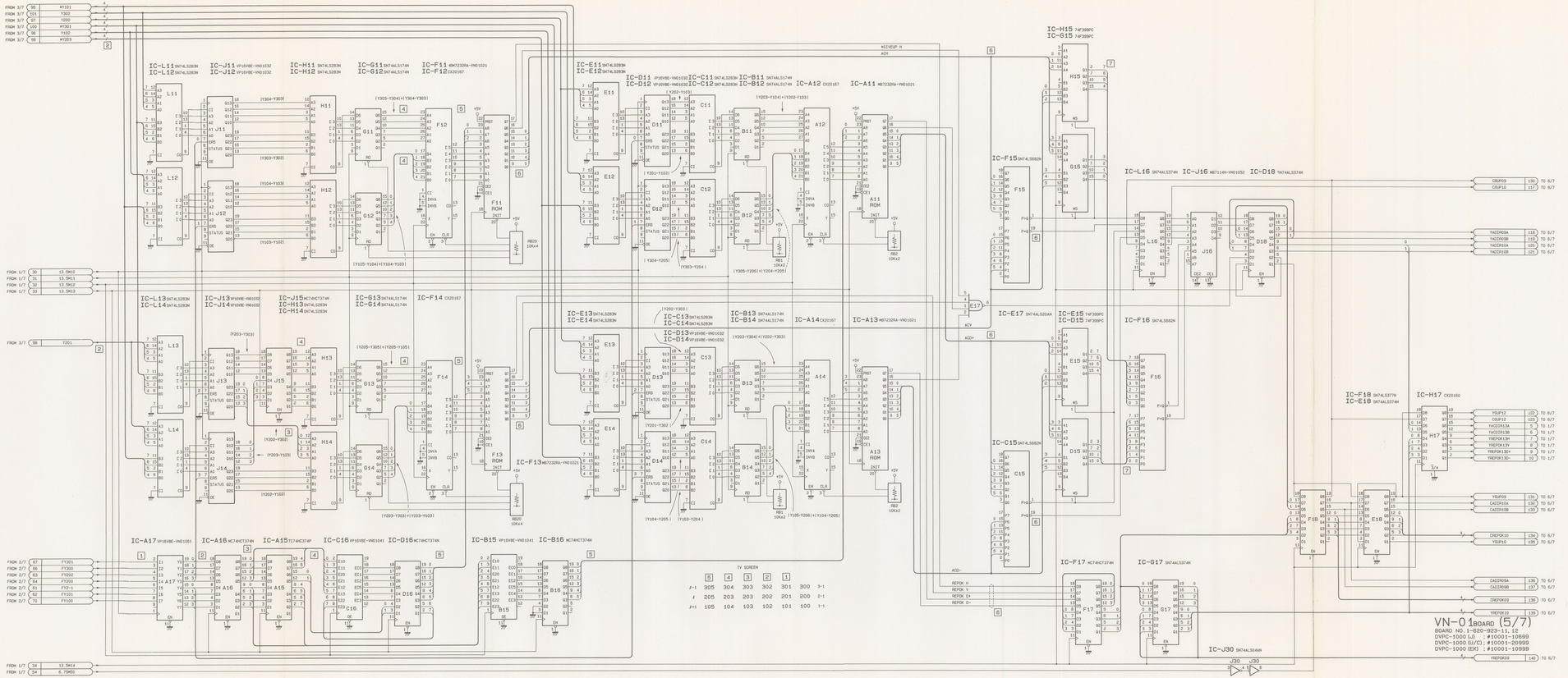


CARD RACK VN-01 (5/7) BOARD VN-01 (5/7) BOARD CARD RACK

VN-01 BOARD (5/7)

Video Concealment

10001 TO 10699 (J)
10001 TO 20999 (UC)
10001 TO 10999 (EK)



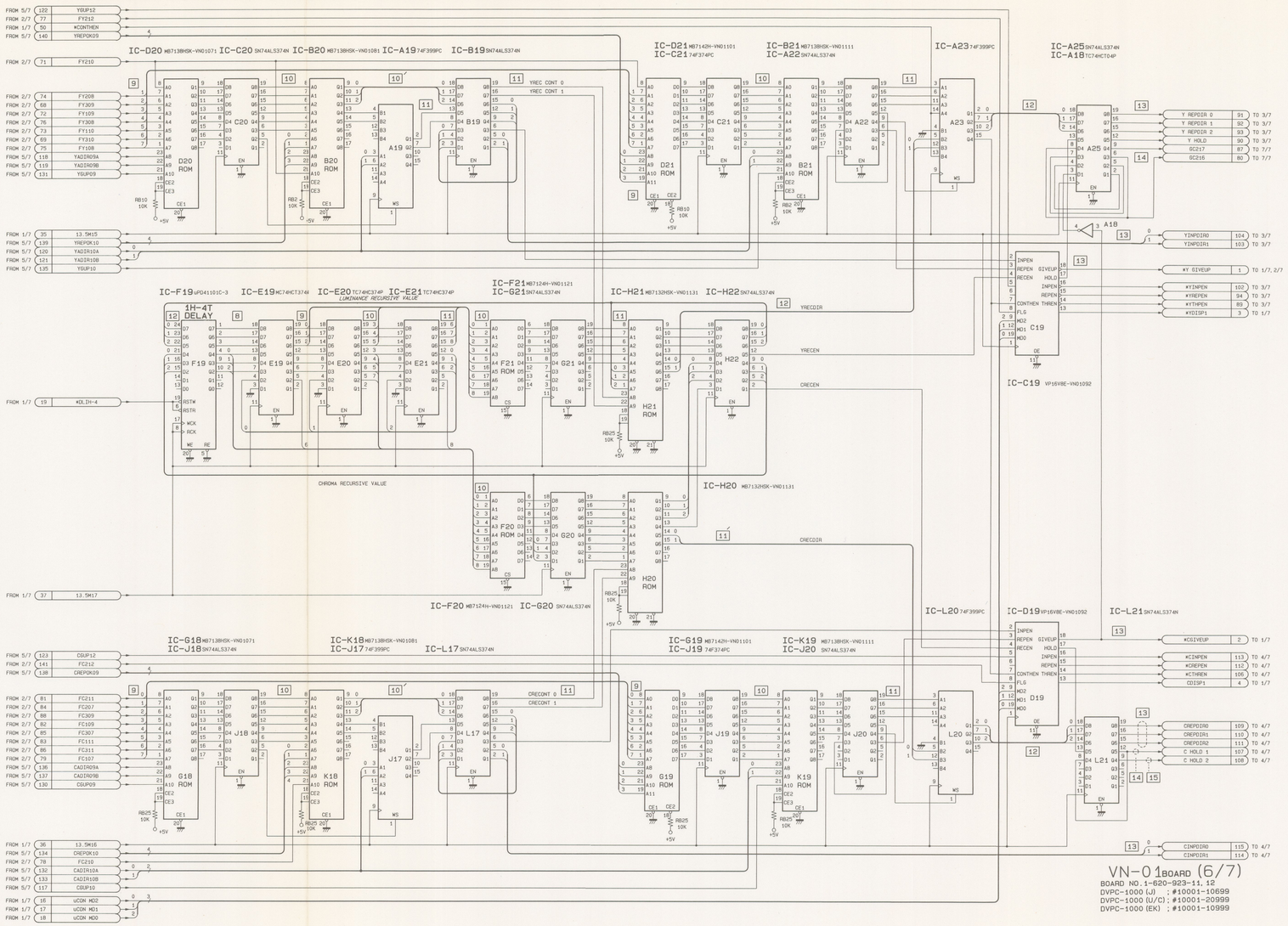
VN-01 (6/7) BOARD CARD RACK

CARD RACK VN-01 (6/7) BOARD

VN-01 BOARD (6/7)

Video Concealment

10001 TO 10699 (J)
10001 TO 20999 (UC)
10001 TO 10999 (EK)

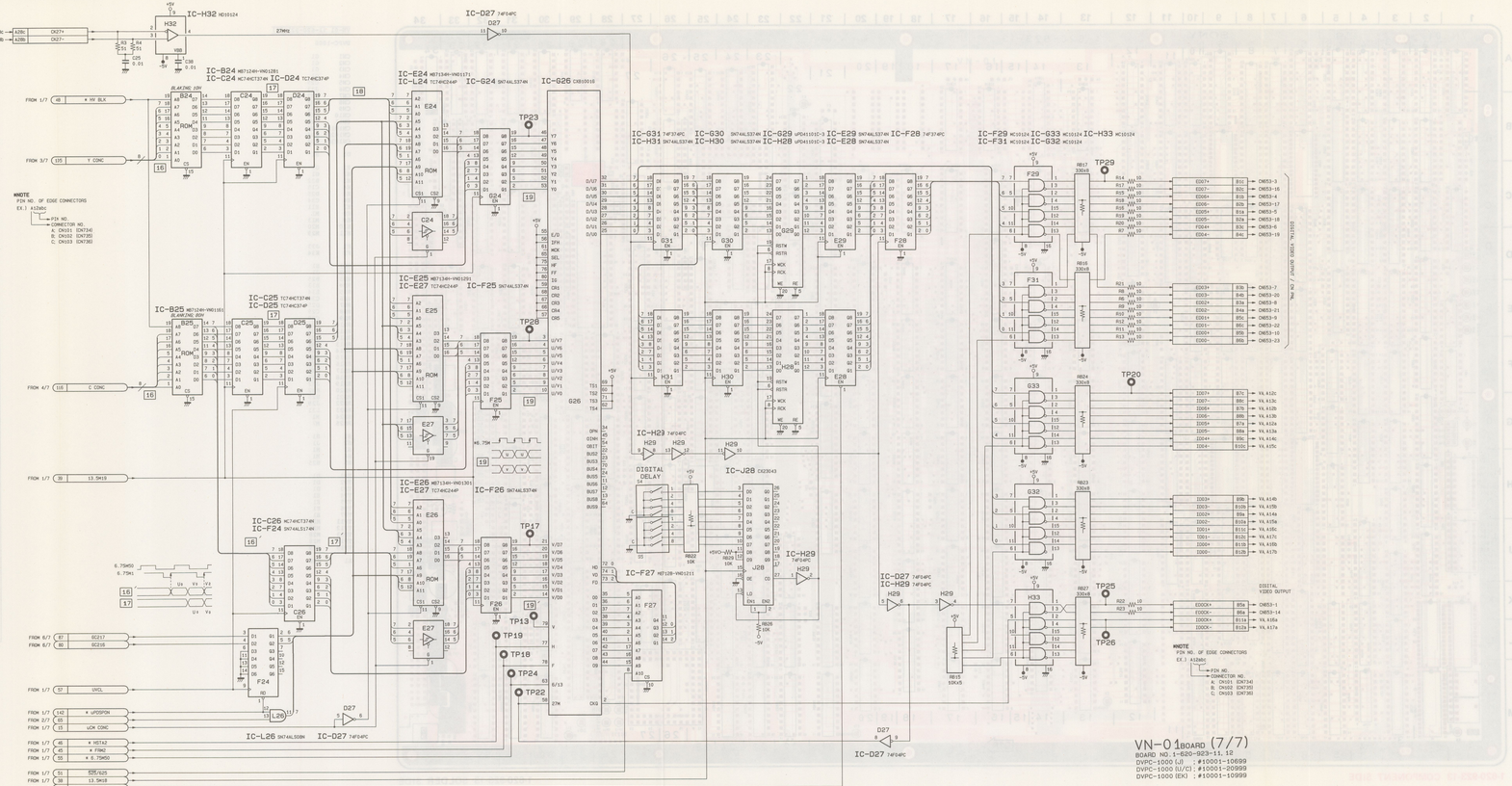


CARD RACK VN-01 (7/7) BOARD VN-01 (7/7) BOARD CARD RACK

VN-01 BOARD (7/7)

Video Concealment

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

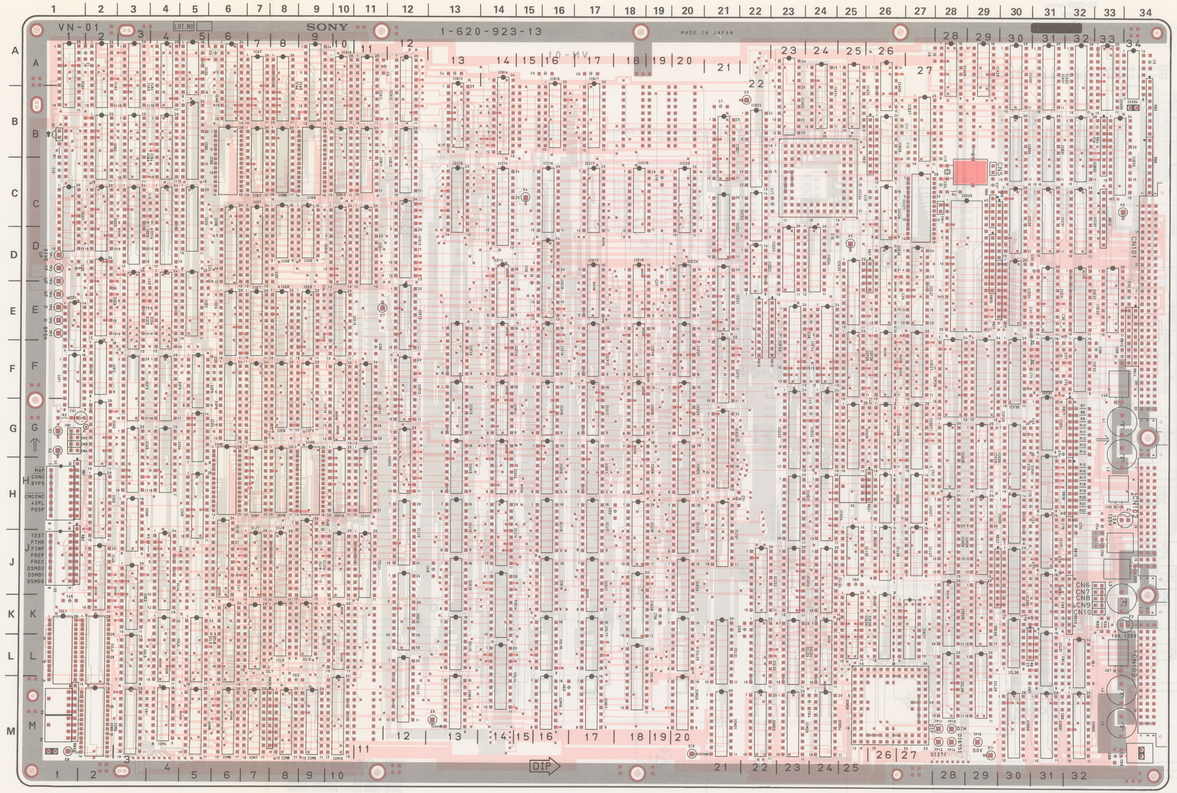


B-307 (a) B-308 (a) B-309 (a) B-310 (a)

VN-01 BOARD (1-620-923-13)

Component Side

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



1-620-923-13 COMPONENT SIDE

1-620-923-13 SOLDER SIDE

VN-01 (1-620-923-13)

DVPC-1000

CN1	G1
CN2	G1
CN3	G1
CN4	G1
CN5	C29
CN6	J33
CN7	K33
CN8	K33
CN9	K33
CN10	K33
CN11	C28
CN101M	C34
CN102M	G34
CN103M	K34
D1	B1
E1	G1
E2	G1
E3	B22
E4	C15
E5	D25
E6	C34
E7	E11
E8	M1
E9	M13
E10	M20
E11	M29
F1	J33
F2	K34
RB1	H1
RB2	J1
RB3	B25
RB4	B33
RB5	B34
RB6	C34
RB7	D25
RB8	C29
RB9	C29
RB10	D29
RB11	E29
RB12	C33
RB13	E34
RB14	E34
RB15	E22
RB16	E23
RB17	G32
RB18	B32
RB19	J32
RB20	K32
RB21	J29
RB22	J29
RB23	L33
RB24	M1
RB25	M7
S1	H1
S2	J1
S3	M1
S4	M1
S5	H25
TP1	D1
TP2	D1
TP3	D1
TP4	E1
TP5	E1
TP6	E1
TP7	E1
TP11	M28
TP12	M28
TP13	M28
TP14	M28
TP15	M29
X1	C28

CARD RACK VN-01 BOARD VN-01 BOARD CARD RACK

VN-01 BOARD

Ref. No.	Pin No. +5V	Pin No. GND	Pin No. −5V
IC A1	20	10	
IC A2	20	10	
IC A3	20	10	
IC A4	20	10	
IC A5	16	8	
IC A6	24	12	
IC A7	20	10	
IC A8	20	10	
IC A9	24	12	
IC A10	20	10	
IC A11	20	10	
IC A12	20	10	
IC A23	18	7	
IC A24	20	10	
IC A25	20	10	
IC A26	14	7	
IC A28	16	8	
IC A29	16	8	
IC A30	20	10	
IC A31	20	10	
IC A32	20	10	
IC A33	20	10	
IC A34	14	7	
IC B2	20	10	
IC B3	20	10	
IC B4	20	10	
IC B5	18	7	
IC B6	28	14	
IC B7	20	10	
IC B8	20	10	
IC B9	28	14	
IC B10	20	10	
IC B11	20	10	
IC B12	20	10	
IC B13	20	10	
IC B14	18	7	
IC B16	20	10	
IC B17	20	10	
IC B21	20	10	
IC B22	18	7	
IC B26	20	10	
IC B27	20	10	
IC B30	16	8	
IC B31	16	8	
IC B32	16	8	
IC B33	24	12	
IC C1	20	10	
IC C2	20	10	
IC C3	24	12	
IC C4	24	12	
IC C5	20	10	
IC C13	20	10	
IC C14	18	7	
IC C16	20	10	
IC C17	20	10	
IC C18	20	10	
IC C20	20	10	
IC C21	20	10	
IC C22	14	7	
IC C24	41,49 57,65	42,48 58,64	
IC C26	16	8	
IC C27	28	14	
IC C30	20	10	
IC C31	20	10	
IC C32	20	10	
IC D6	24	12	
IC D7	24	12	
IC D8	16	8	
IC D9	16	8	
IC D10	24	12	
IC D11	24	12	
IC D12	18	7	
IC D22	14	7	
IC D23	20	10	
IC D24	20	10	
IC D25	28,40	20	
IC E1	14	7	

Ref. No.	Pin No. +5V	Pin No. GND	Pin No. −5V
IC E2	18	7	
IC E3	24	12	
IC E4	24	12	
IC E5	20	10	
IC E6	20	10	
IC E7	20	10	
IC E8	20	10	
IC E9	20	10	
IC E10	20	10	
IC E12	20	10	
IC E14	16	8	
IC E16	18	7	
IC E17	16	8	
IC E18	16	8	
IC E20	16	8	
IC E21	20	10	
IC E25	20	10	
IC E26	24	12	
IC E27	24	12	
IC E30	20	10	
IC E31	20	10	
IC E32	20	10	
IC E33	20	10	
IC F2	16	8	
IC F3	20	10	
IC F5	16	8	
IC F6	24	12	
IC F7	24	12	
IC F8	20	10	
IC F9	20	10	
IC F10	24	12	
IC F11	24	12	
IC F12	20	10	
IC F13	16	8	
IC F14	16	8	
IC F16	16	8	
IC F18	16	8	
IC F21	20	10	
IC F23	24	12	
IC F24	24	12	
IC F25	20	10	
IC F26	20	10	
IC F27	20	10	
IC F28	12	6	
IC F29	24	12	
IC F30	20	10	
IC F31	9	16	8
IC F32	16	8	
IC G2	20	10	
IC G3	20	10	
IC G4	20	10	
IC G5	14	7	
IC G13	16	8	
IC G14	16	8	
IC G15	16	8	
IC G18	16	8	
IC G21	18	7	
IC G23	18	7	
IC G24	18	7	
IC G25	20	10	
IC G26	20	10	
IC G27	20	10	
IC G28	20	10	
IC G29	20	10	
IC G30	20	10	
IC G31	9	16	8
IC H2	10	5	
IC H3	16	8	
IC H5	20	10	
IC H6	28	14	
IC H7	20	10	
IC H8	20	10	
IC H9	28	14	
IC H10	20	10	
IC H11	20	10	
IC H12	20	10	
IC H13	16	8	
IC H14	16	8	

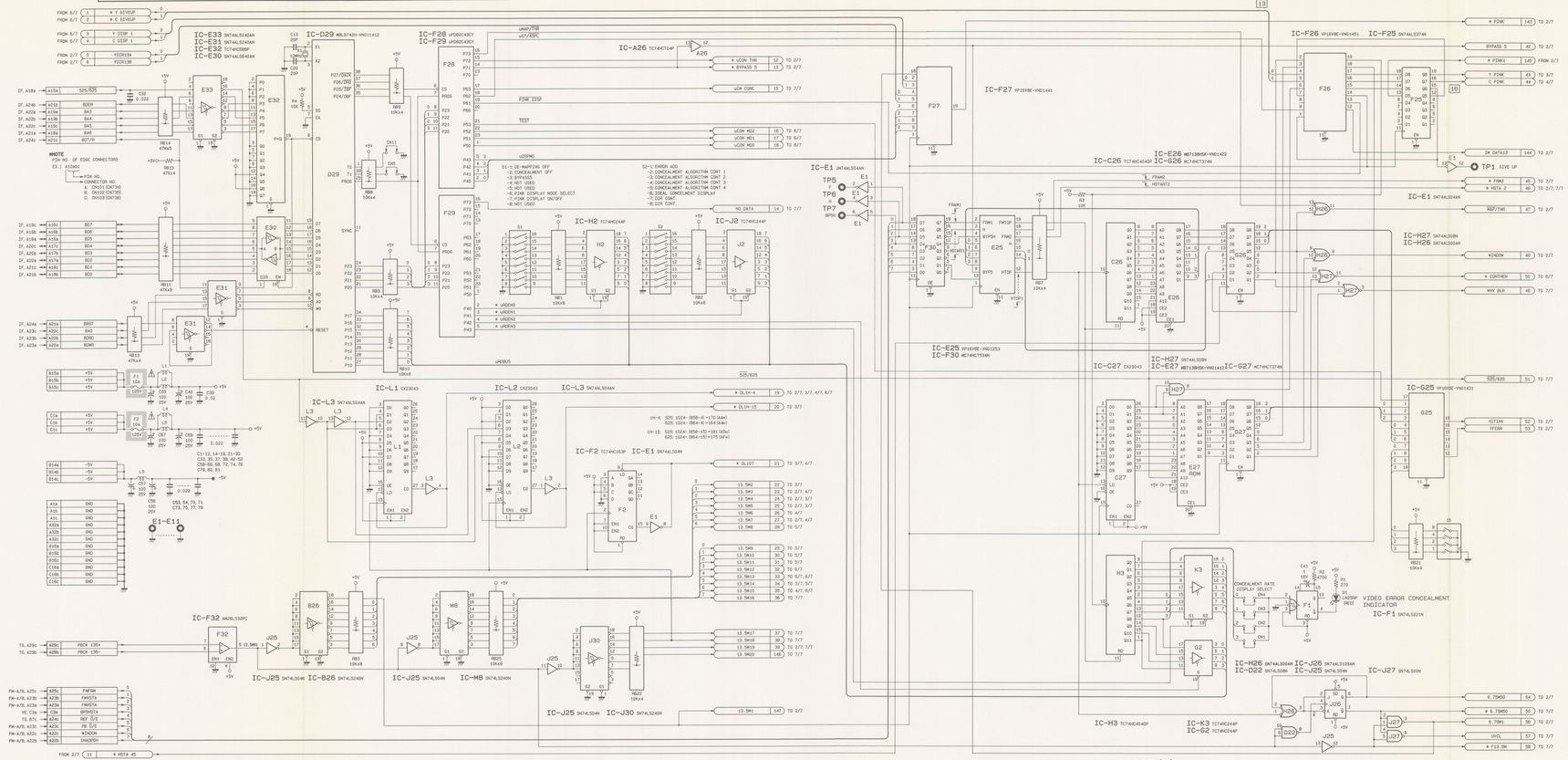
Ref. No.	Pin No. +5V	Pin No. GND	Pin No. −5V
IC H15	16	8	
IC H17	16	8	
IC H18	16	8	
IC H20	16	8	
IC H23	20	10	
IC H24	20	10	
IC H26	14	7	
IC H27	14	7	
IC H29	18	7	
IC H30	14	7	
IC H31	9	16	8
IC J2	20	10	
IC J4	24	12	
IC J6	24	12	
IC J7	20	10	
IC J8	20	10	
IC J9	24	12	
IC J10	20	10	
IC J11	20	10	
IC J12	20	10	
IC J13	16	8	
IC J14	20	10	
IC J16	16	8	
IC J17	16	8	
IC J18	20	10	
IC J20	16	8	
IC J22	20	10	
IC J23	20	10	
IC J24	20	10	
IC J25	14	7	
IC J26	16	8	
IC J27	14	7	
IC J30	20	10	
IC J31	9	16	8
IC K2	20	10	
IC K12	18	7	
IC K13	16	8	
IC K14	20	10	
IC K16	16	8	
IC K17	16	8	
IC K18	20	10	
IC K20	16	8	
IC K25	20	10	
IC K26	20	10	
IC K27	18	9	
IC K28	20	10	
IC K29	20	10	
IC K31	9	16	8
IC L1	28	14	
IC L2	14	7	
IC L4	20	10	
IC L5	16	8	
IC L6	18	7	
IC L7	16	8	
IC L8	16	8	
IC L9	16	8	
IC L10	20	10	
IC L12	20	10	
IC L13	16	8	
IC L14	20	10	
IC L16	16	8	
IC L17	16	8	
IC L18	20	10	
IC L20	16	8	
IC L21	20	10	
IC L22	20	10	
IC L23	20	10	
IC L24	20	10	
IC L28	20	10	
IC L29	20	10	
IC L30	14	7	
IC L31	9	16	8
IC M2	28	14	
IC M3	20	10	
IC M4	16	8	
IC M5	20	10	
IC M6	20	10	
IC M7	20	10	

Ref. No.	Pin No. +5V	Pin No. GND	Pin No. −5V
IC M8	20	10	
IC M9	20	10	
IC M10	24	12	
IC M13	16	8	
IC M16	16	8	
IC M17	16	8	
IC M20	16	8	
IC M21	20	10	
IC M22	20	10	
IC M23	20	10	
IC M24	20	10	
IC M26	81,82 85,86	83,84 87,88	
IC M30	20	10	
IC M31	20	10	
IC M32	20	10	

VN-01 BOARD (1/7)

Video Concealment

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



VN-01 BOARD (1/7)
BOARD NO. 1-820-823-13
DVPC-1000 (J) : #10701-
DVPC-1000 (U/C) : #21001-
DVPC-1000 (EK) : #11001-

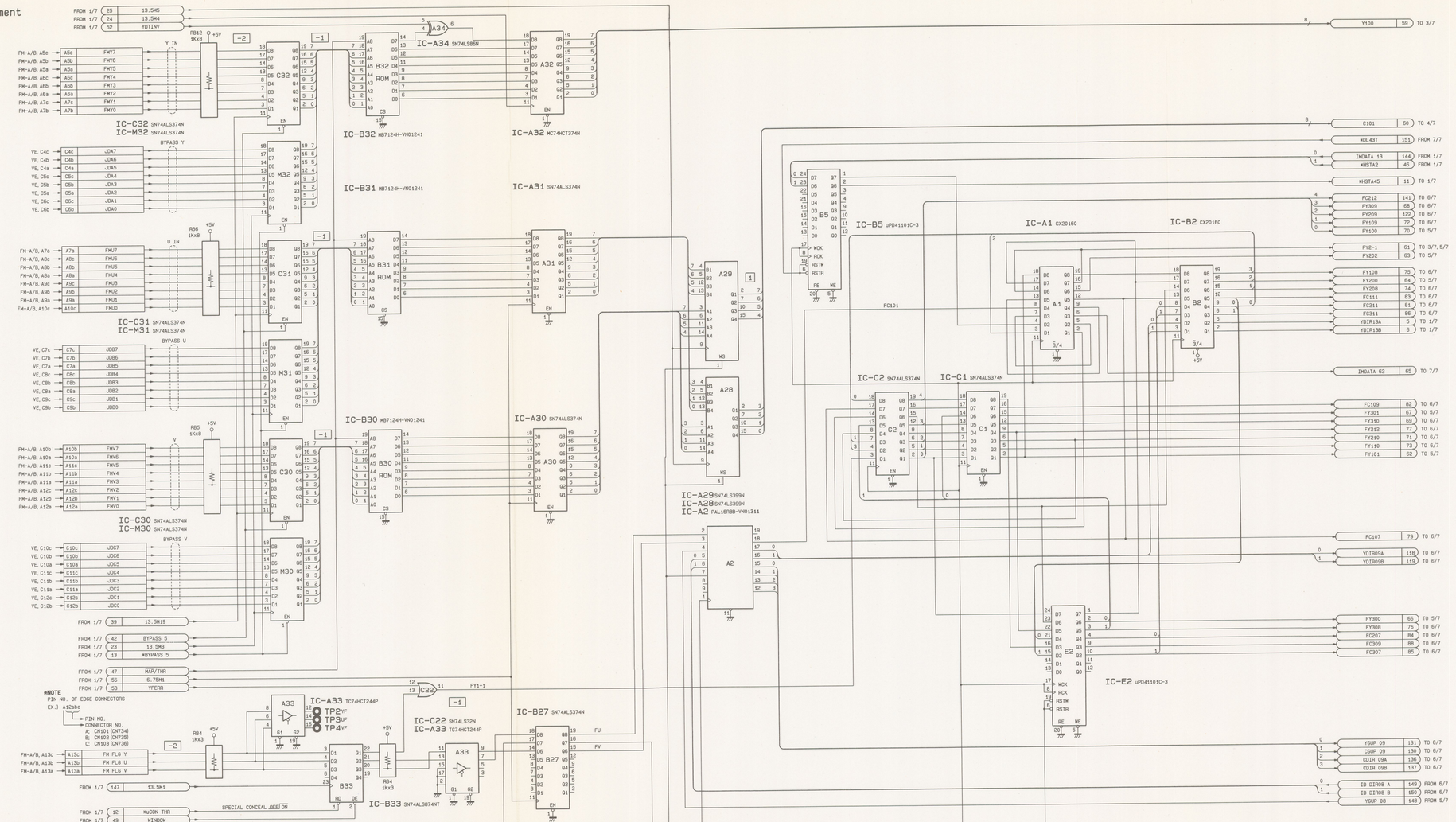
VN-01 (2/7) BOARD CARD RACK

CARD RACK VN-01 (2/7) BOARD

VN-01 BOARD (2/7)

Video Concealment

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



VN-01 BOARD (2/7)
BOARD NO.1-617-923-13
DVPC-1000 (J) : #10701-
DVPC-1000 (U/C) : #21001-
DVPC-1000 (EK) : #11001-

VN-01 (2\7) BOARD CARD RACK

CARD RACK VN-01 (2\7) BOARD

VN-01 BOARD (2\7)

Video Concealment

4 101/01 & UP (J)	
4 210/01 & UP (UC)	
4 410/01 & UP (EK)	

B-273 (p)

B-274 (p)

B-275 (p)

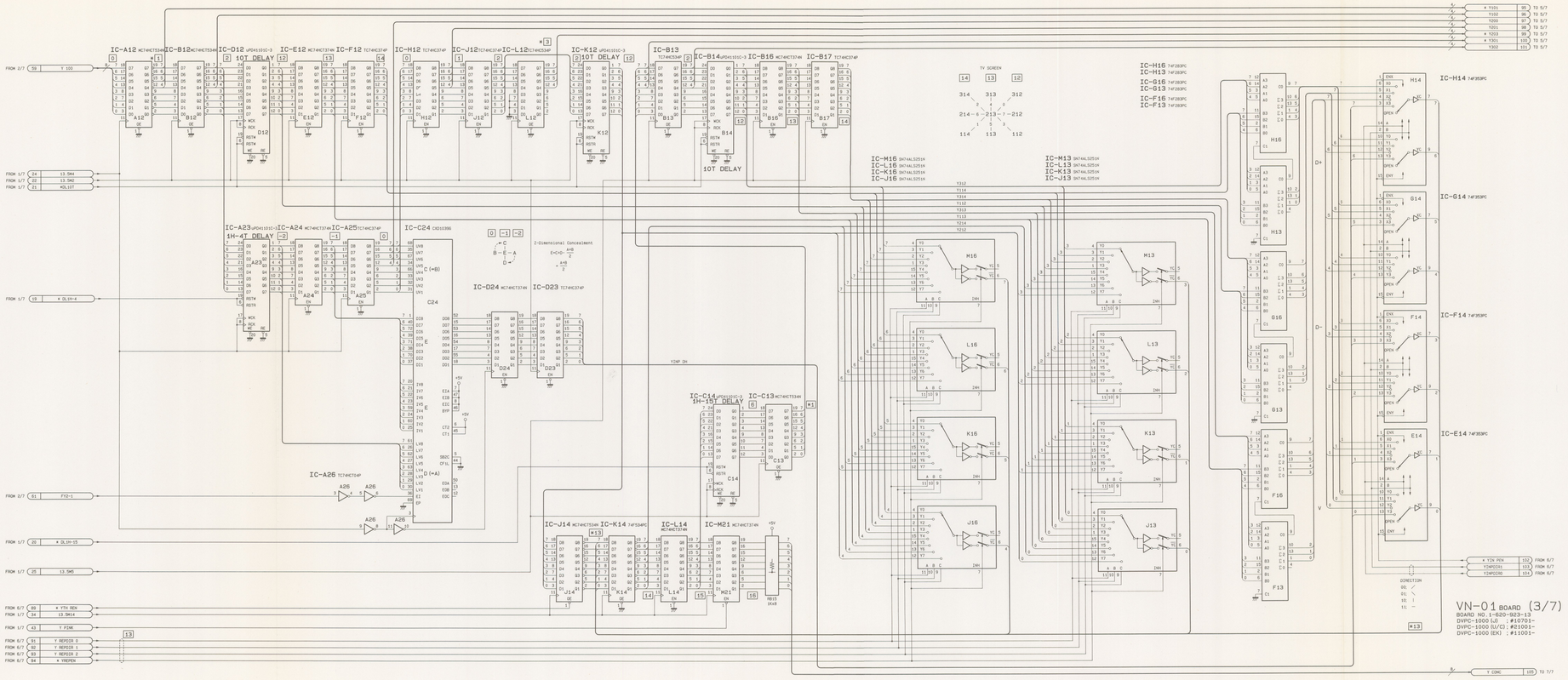
VN-01 BOARD (2\7)

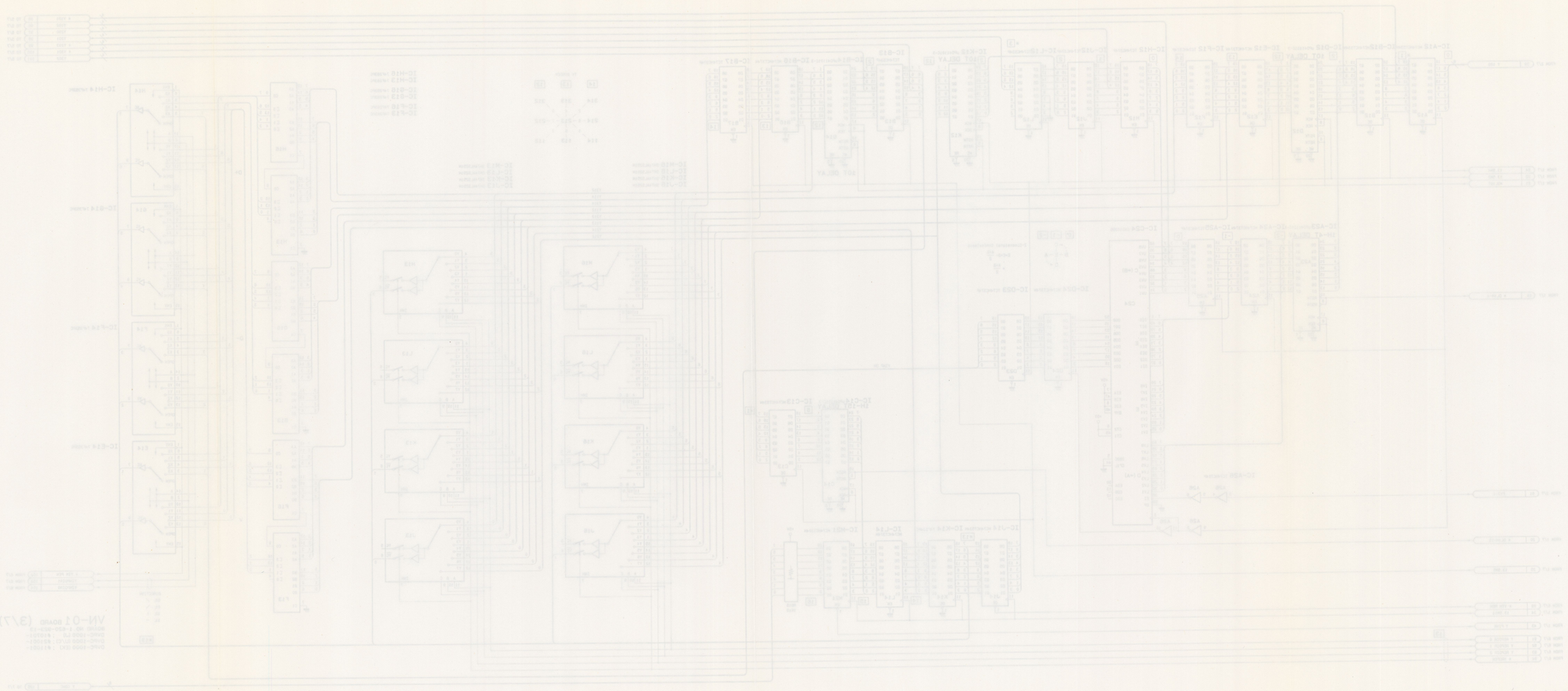
CARD RACK VN-01 (3/7) BOARD VN-01 (3/7) BOARD CARD RACK

VN-01 BOARD (3/7)

Video Concealment

10701 & UP (J)
21001 & UP (UC)
11001 & UP (EK)





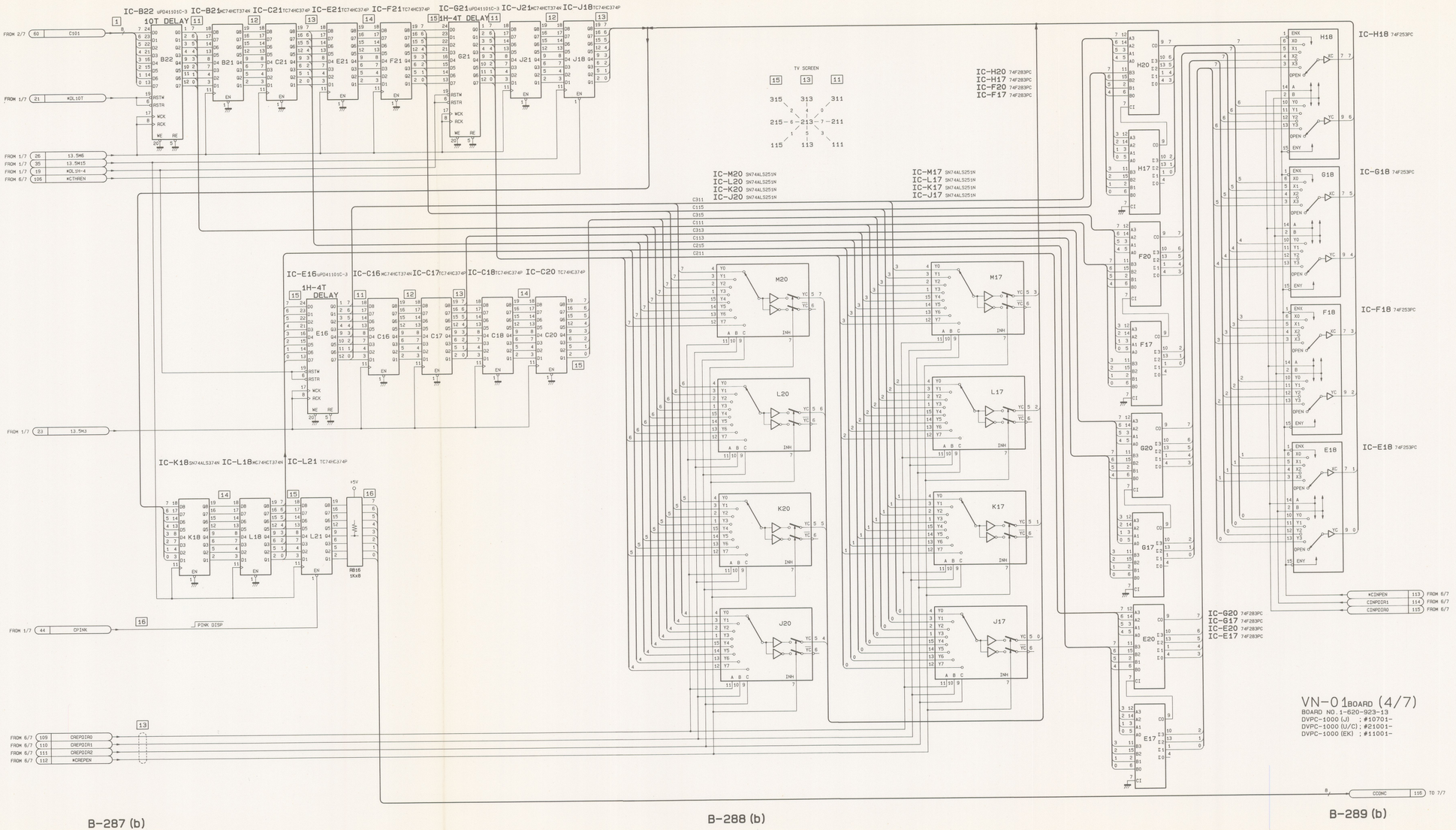
VN-01 (4/7) BOARD CARD RACK

CARD RACK VN-01 (4/7) BOARD

VN-01 BOARD (4/7)

Video Concealment

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



B-287 (b)

B-288 (b)

B-289 (b)

VN-01 (5/7) BOARD CARD RACK

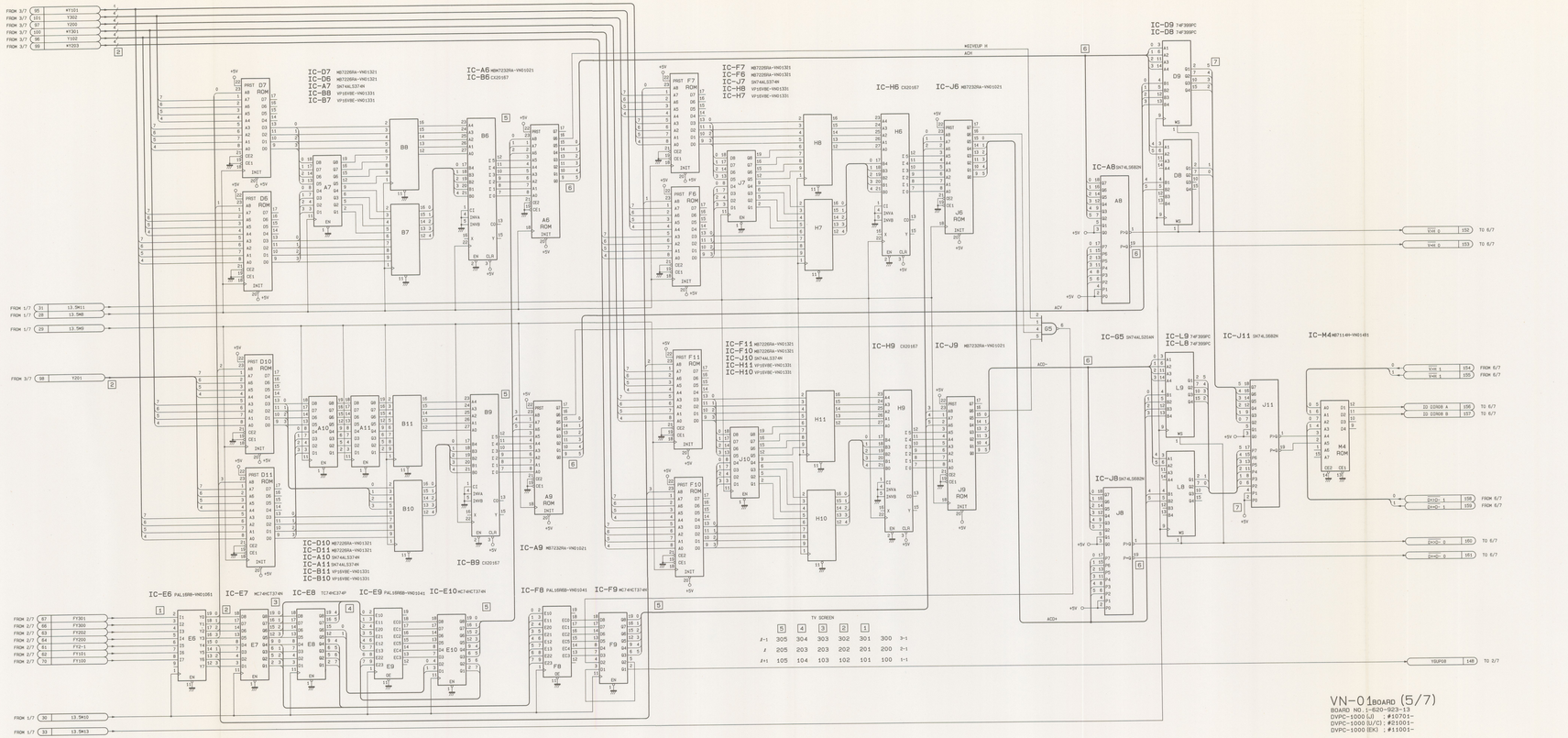
CARD RACK VN-01 (5/7) BOARD

VN-01 (5/7) BOARD CARD RACK

VN-01 BOARD (5/7)

Video Concealment

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



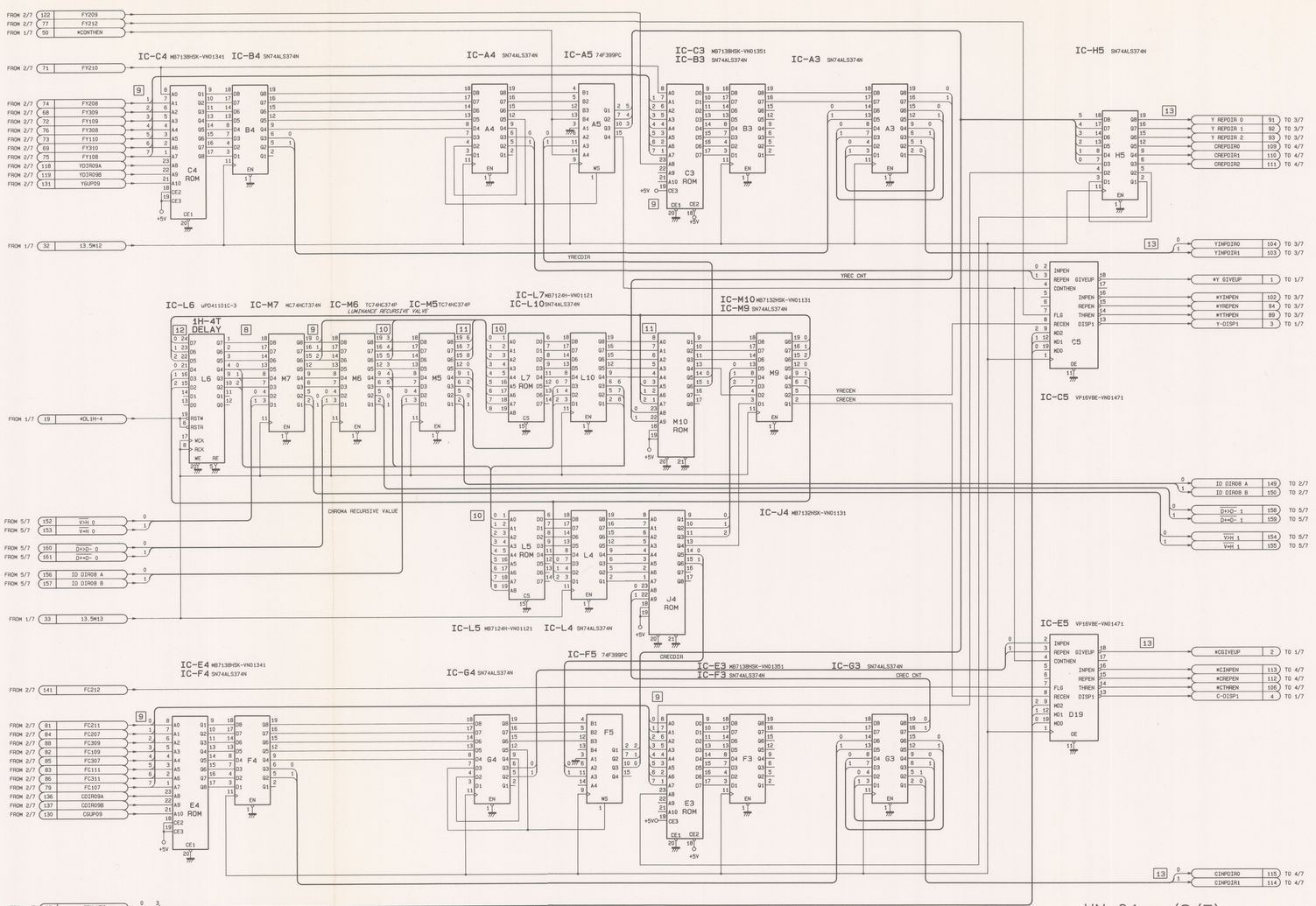
VN-01 (6/7) BOARD CARD RACK

CARD RACK VN-01 (6/7) BOARD

VN-01 BOARD (6/7)

Video Concealment

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



VN-01 BOARD (6/7)

BOARD NO.1-620-923-13

DVPC-1000 (J) ; #10701-

DVPC-1000 (U/C) ; #21001-

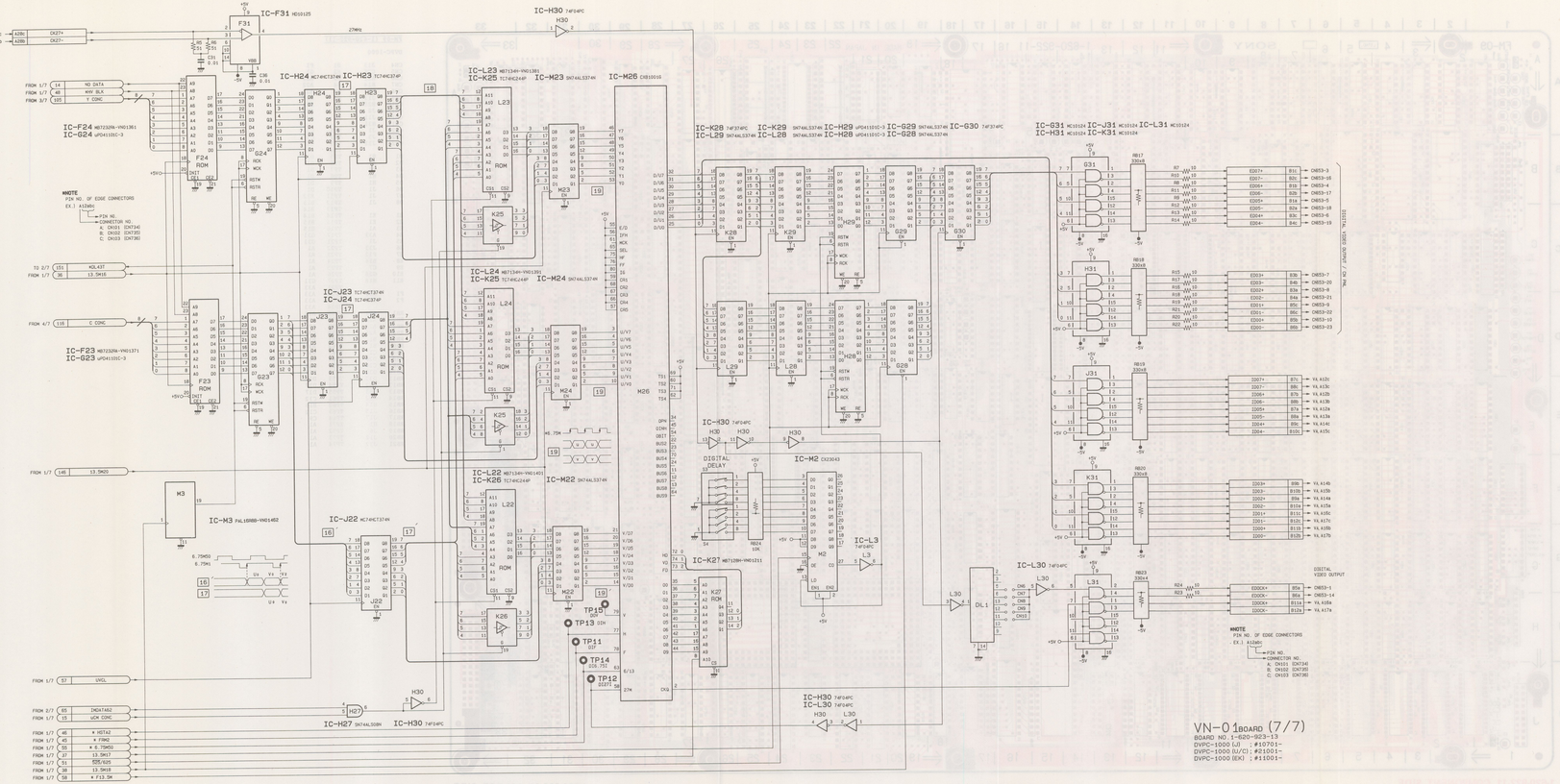
DVPC-1000 (EK) ; #11001-

CARD RACK VN-01 (7/7) BOARD VN-01 (7/7) BOARD CARD RACK

VN-01 BOARD (7/7)

Video Concealment

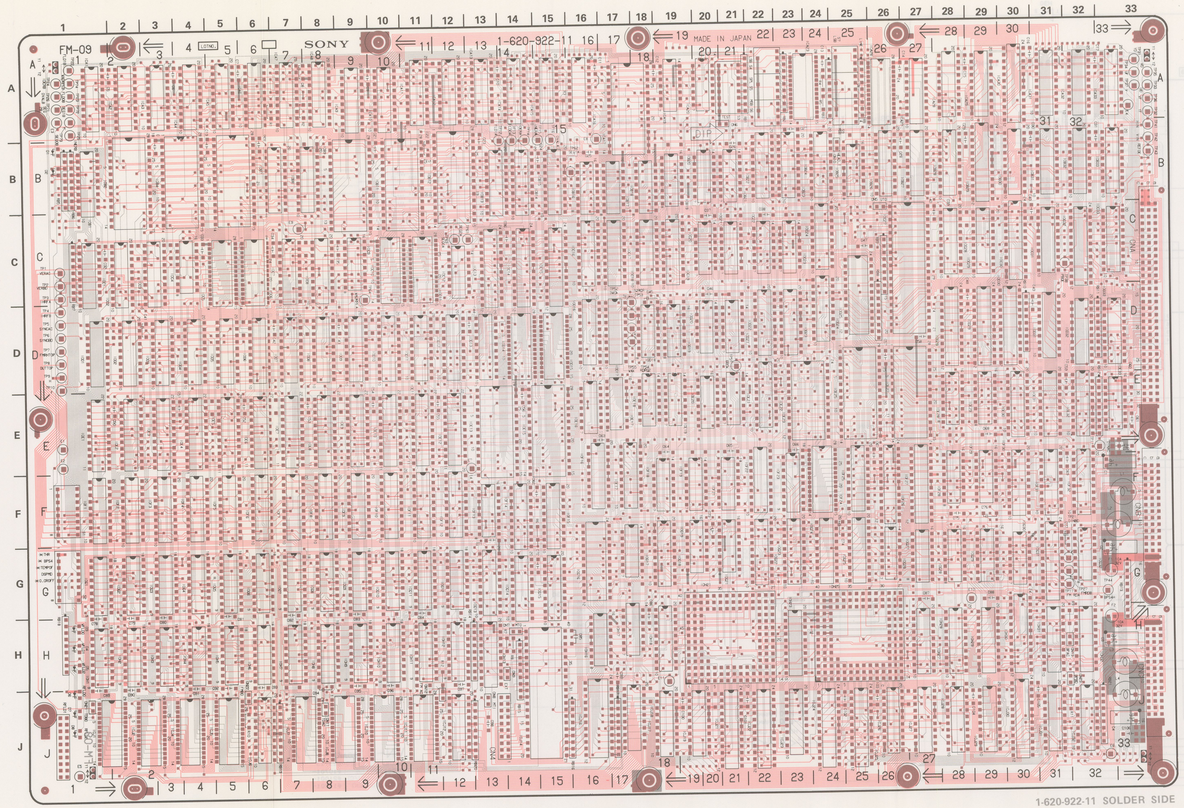
#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



FM-09 BOARD (1-620-922-11)

Component Side

10001 TO 10599 (J)
10001 TO 10899 (UC)
10001 TO 10899 (EK)



B-311 (a)

B-312 (a)

FM-09 (1-620-922-11)

DVPC-1000

CN4	J13	S1	F1
CN5	C26	S2	G1
CN6	A33	S3	A31
CN7	R14	S4	A32
CN8	R13	S5	A22
CN9	J23	S6	A22
CN10	J22	S7	A25
CN11	J8	S8	A25
CN12	J11	S9	A25
CN13	B31		
CN21	J1	TP1	C1
CN22	J32	TP2	D1
CN23	J31	TP3	C1
		TP4	D1
D1	B1	TP5	D1
D2	B1	TP6	D1
D3	B1	TP7	D1
D4	B1	TP8	D1
D5	B1	TP9	D1
D6	J1	TP10	E1
D7	J1	TP11	E32
D8	J1	TP12	B13
		TP13	B14
E1	E1	TP14	B14
E2	E1	TP15	B15
E3	A1	TP16	B15
E4	A33	TP17	G31
E5	J1	TP21	G31
E6	J31	TP22	A1
E7	F12	TP23	A1
E8	B16	TP24	A1
E9	C7	TP25	A1
E10	G28	TP26	A1
E11	H18	TP27	G31
		TP31	A33
F1	G33	TP32	A33
F2	B33	TP33	A33
		TP34	A33
RB1	A23	TP35	A33
RB2	A23	TP36	A33
RB3	A24	TP37	A33
RB4	A25	TP38	G31
RB5	B1	TP41	B33
RB6	B1	TP42	B33
RB7	C1	TP43	B33
RB8	D26	TP44	G33
RB9	C26	TP51	D31
RB10	D30	TP52	D17
RB11	D32	TP53	D17
RB12	E32	TP54	D17
RB13	G33	TP55	D17
RB14	H12	TP61	C12
RB15	H14	TP62	B16
RB16	J15	TP63	C12
RB17	J17	TP64	C9
RB18	B1	TP71	A1
RB19	J6	TP72	A1
RB20	J12	TP73	A1
RB21	J32	TP74	A1

B-313 (a)

FM-09 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A1	20	10
IC A2	20	10
IC A3	20	10
IC A4	20	10
IC A5	20	10
IC A6	20	10
IC A7	20	10
IC A8	20	10
IC A9	20	10
IC A10	20	10
IC A11	20	10
IC A12	20	10
IC A13	20	10
IC A14	20	10
IC A15	20	10
IC A16	20	10
IC A17	21	7
IC A18	14	7
IC A20	14	7
IC A23	14	14
IC A26	28	14
IC A27	20	10
IC A28	20	10
IC A29	20	10
IC A39	24	12
IC A31	20	10
IC A32	20	10
IC A33	20	10
IC B1	20	10
IC B2	1,28	14
IC B4	1,28	14
IC B5	1,28	14
IC B7	20	10
IC B8	20	10
IC B9	1,28	14
IC B11	1,28	14
IC B12	1,28	14
IC B13	20	10
IC B14	20	10
IC B15	20	10
IC B16	16	8
IC B17	16	8
IC B18	16	8
IC B19	16	8
IC B20	14	7
IC B21	14	7
IC B22	20	10
IC B23	20	10
IC B24	20	10
IC B25	16	8
IC B26	20	10
IC B27	20	10
IC B28	20	10
IC B29	24	12
IC B30	20	10
IC B31	20	10
IC B32	20	10
IC B33	20	10
IC C1	20	10
IC C2	20	10
IC C3	20	10
IC C4	16	8
IC C5	28	14
IC C6	28	14
IC C7	20	10
IC C8	20	10
IC C9	16	8
IC C10	28	14
IC C11	28	14
IC C12	14	7
IC C13	24	12
IC C14	24	12
IC C15	24	12
IC C16	20	10
IC C17	20	10
IC C18	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC C19	20	10
IC C20	14	7
IC C21	14	7
IC C22	14	7
IC C23	14	7
IC C24	20	10
IC C27	26,40	20
IC C28	20	10
IC C29	20	10
IC C30	24	12
IC C31	20	10
IC C32	24	12
IC C33	20	10
IC D1	20	10
IC D2	20	10
IC D3	20	10
IC D4	20	10
IC D5	20	10
IC D6	20	10
IC D7	20	10
IC D8	20	10
IC D9	20	10
IC D10	20	10
IC D11	20	10
IC D12	20	10
IC D13	20	10
IC D14	28	14
IC D15	28	14
IC D16	20	10
IC D17	20	10
IC D18	16	8
IC D19	16	8
IC D20	14	7
IC D21	14	7
IC D22	20	10
IC D23	20	10
IC D24	20	10
IC D25	24	12
IC D28	24	12
IC D29	24	12
IC D30	24	12
IC D31	20	10
IC D32	20	10
IC D33	20	10
IC E1	22	11
IC E2	22	11
IC E3	22	11
IC E4	22	11
IC E5	22	11
IC E6	22	11
IC E7	22	11
IC E8	22	11
IC E9	22	11
IC E10	22	11
IC E11	22	11
IC E12	22	11
IC E13	1,28	14
IC E15	1,28	14
IC E16	14	7
IC E17	16	8
IC E18	14	7
IC E19	14	7
IC E20	16	8
IC E21	14	7
IC E22	20	10
IC E23	24	12
IC E25	21	7
IC E27	21	7
IC E28	16	8
IC E29	16	8
IC E30	20	10
IC E31	20	10
IC E32	20	10
IC E33	16	8
IC F1	20	10
IC F2	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC F3	20	10
IC F4	20	10
IC F5	20	10
IC F6	20	10
IC F7	20	10
IC F8	20	10
IC F9	20	10
IC F10	20	10
IC F11	20	10
IC F12	20	10
IC F13	16	8
IC F14	20	10
IC F15	20	10
IC F16	20	10
IC F17	20	10
IC F18	14	7
IC F19	14	7
IC F21	14	7
IC F22	20	10
IC F23	18	9
IC F24	28	14
IC F25	20	10
IC F26	24	12
IC F27	24	12
IC F28	16	8
IC F29	16	8
IC F30	20	10
IC F31	20	10
IC F32	20	10
IC G1	9	18
IC G3	9	18
IC G4	9	18
IC G5	9	18
IC G6	9	18
IC G7	9	18
IC G8	9	18
IC G9	9	18
IC G10	9	18
IC G11	9	18
IC G12	9	18
IC G13	20	10
IC G14	20	10
IC G15	20	10
IC G16	24	12
IC G17	14	7
IC G18	20	10
IC G19	16	8
IC G20	9	18
IC G21	16	8
IC G22	20	10
IC G23	20	10
IC G24	20	10
IC G25	20	10
IC G26	14	7
IC G27	16	8
IC G28	16	8
IC G29	16	8
IC G30	14	7
IC G31	24	12
IC G32	16	8
IC H1	9	18
IC H2	9	18
IC H3	9	18
IC H4	9	18
IC H5	9	18
IC H6	9	18
IC H7	9	18
IC H8	9	18
IC H9	9	18
IC H10	9	18
IC H11	9	18
IC H12	9	18
IC H13	20	10
IC H16	16	8
IC H17	14	7
IC H18	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC H21	64,86, 114,132	53,75, 97,105, 106,123, 124
IC H23	20	10
IC H25	64,86, 114,132	53,75, 97,105, 106,123, 124
IC H27	20	10
IC H28	20	10
IC H29	20	10
IC H30	24	12
IC H31	20	10
IC H32	20	10
IC J1	28	14
IC J2	28	14
IC J3	28	14
IC J4	28	14
IC J5	28	14
IC J6	20	10
IC J7	28	14
IC J8	28	14
IC J10	28	14
IC J11	28	14
IC J12	20	10
IC J14	26,40	20
IC J16	24	12
IC J17	20	10
IC J18	20	10
IC J19	20	10
IC J21	24	12
IC J22	24	12
IC J23	20	10
IC J24	24	12
IC J25	24	12
IC J26	20	10
IC J27	20	10
IC J28	20	10
IC J29	20	10
IC J30	24	12
IC J31	20	10
IC J32	20	10

B-314 (a)

CARD RACK FM-09 BOARD FM-09 BOARD CARD RACK

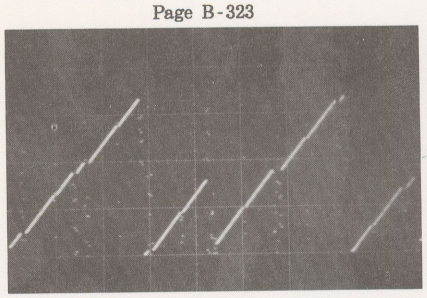
①FM-09A BOARD INPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

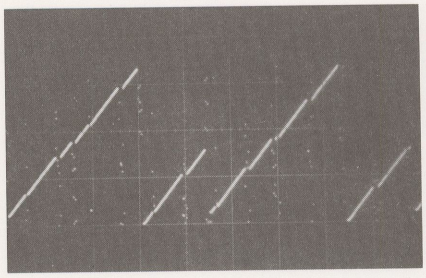
Setting of ROVING DAC
S1-1 ..... OFF
S1-2/3/4 ..... ON

Setting of Switchers/Jumpers (DVPC-1000)
S1-4/SY-70A, B .... ON
For other setting, refer to page B-2.

Channel-C (A); IC-F32/FM-09A (B)/
Page B-323



Channel-D (B); IC-F31/FM-09A (B)/
Page B-331



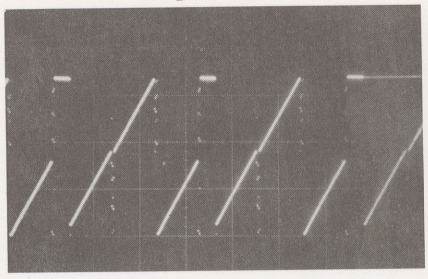
②FRAME MEMORY OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

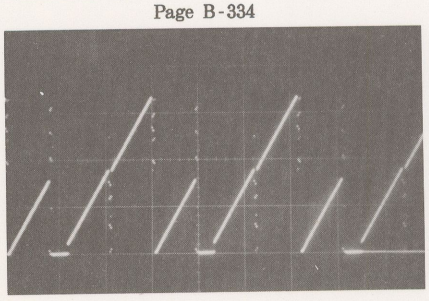
Setting of ROVING DAC
S1-1 ..... OFF
S1-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B .... ON
For other setting, refer to page B-2.

Channel-C (A); IC-J12/FM-09A (B)/
Page B-326



Channel-D (B); IC-J6/FM-09A (B)/
Page B-334



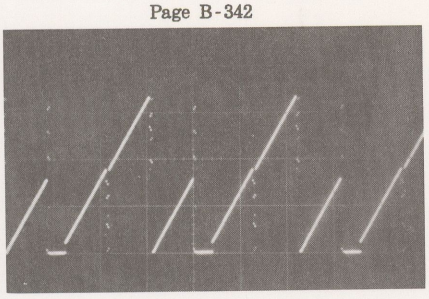
③1H DE-SHUFFLE MEMORY OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG; TP3/TG-28

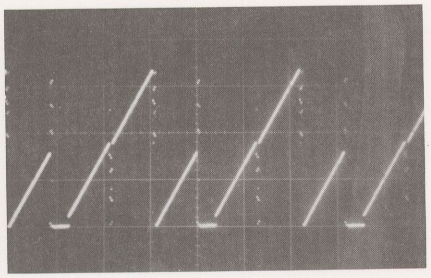
Setting of ROVING DAC
S1-1 ..... OFF
S1-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B .... ON
For other setting, refer to page B-2.

Channel-C (A); IC-H28/FM-09A (B)/
Page B-342



Channel-D (B); IC-J28/FM-09A (B)/
Page B-342



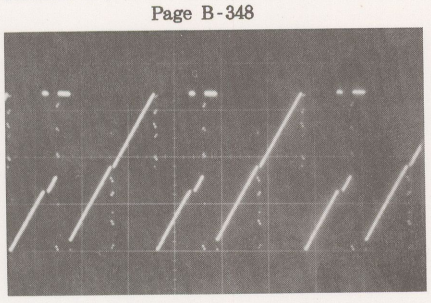
④OUTER DECODER OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG; TP3/TG-28

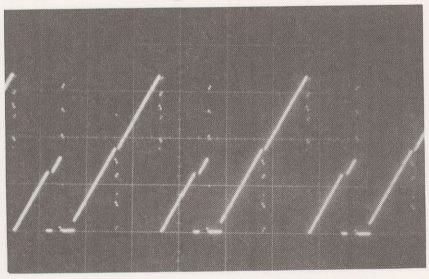
Setting of ROVING DAC
S1-1 ..... OFF
S1-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B .... ON
For other settings, refer to page B-2.

Channel-C (A); IC-H27/FM-09A (B)/
Page B-348



Channel-D (B); IC-H23/FM-09A (B)/
Page B-348



①FM-09A BOARD INPUT DATA

Setting of Oscilloscope

10 μsec\div, 0.2 V\div

TRIG.: TP3\TC-28

Setting of ROVING DAC

S1-1 ..... OFF

S1-2\3\4 ..... ON

Setting of Switches\Jumpers (DVFC-1000)

S1-4\SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-C (A): IC-F32\FM-09A (B)\
Page B-322

Channel-D (B): IC-F31\FM-09A (B)\
Page B-321

②FRAME MEMORY OUTPUT DATA

Setting of Oscilloscope

20 μsec\div, 0.2 V\div

TRIG.: TP3\TC-28

Setting of ROVING DAC

S1-1 ..... OFF

S1-2\3\4 ..... ON

Setting of Switches\Jumpers (DVFC-1000)

S1-4\SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-C (A): IC-J12\FM-09A (B)\
Page B-326

Channel-D (B): IC-J6\FM-09A (B)\
Page B-324

③IH DE-SHUFFLE MEMORY OUTPUT DATA

Setting of Oscilloscope

20 μsec\div, 0.2 V\div

TRIG: TP3\TC-28

Setting of ROVING DAC

S1-1 ..... OFF

S1-2\3\4 ..... ON

Setting of Switches\Jumpers (DVFC-1000)

S1-4\SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-C (A): IC-H22\FM-09A (B)\
Page B-312

Channel-D (B): IC-J28\FM-09A (B)\
Page B-312

④OUTER DECODER OUTPUT DATA

Setting of Oscilloscope

20 μsec\div, 0.2 V\div

TRIG: TP3\TC-28

Setting of ROVING DAC

S1-1 ..... OFF

S1-2\3\4 ..... ON

Setting of Switches\Jumpers (DVFC-1000)

S1-4\SY-70A, B .... ON

For other setting, refer to page B-2.

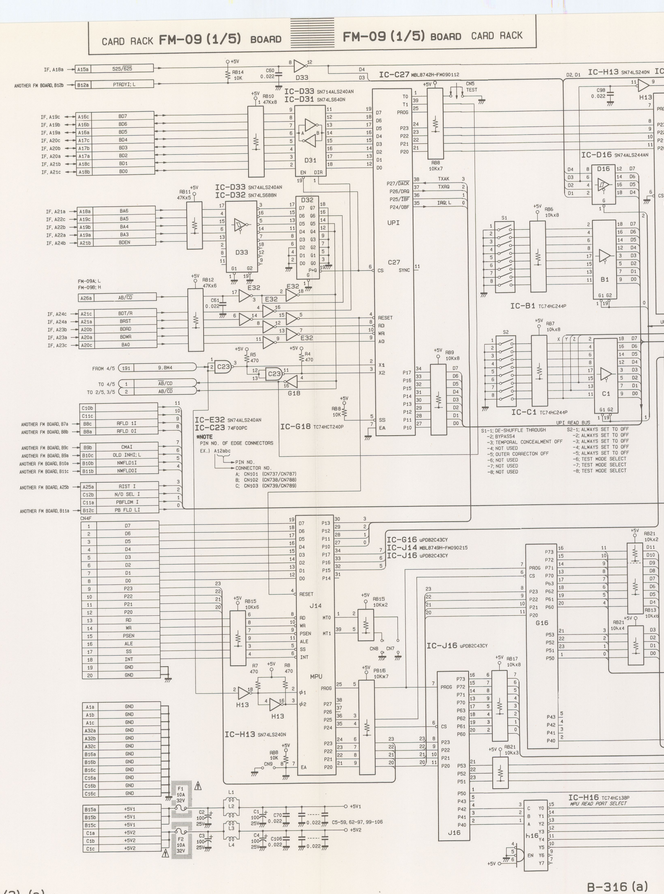
Channel-C (A): IC-H27\FM-09A (B)\
Page B-318

Channel-D (B): IC-H23\FM-09A (B)\
Page B-318

FM-09 BOARD (1/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

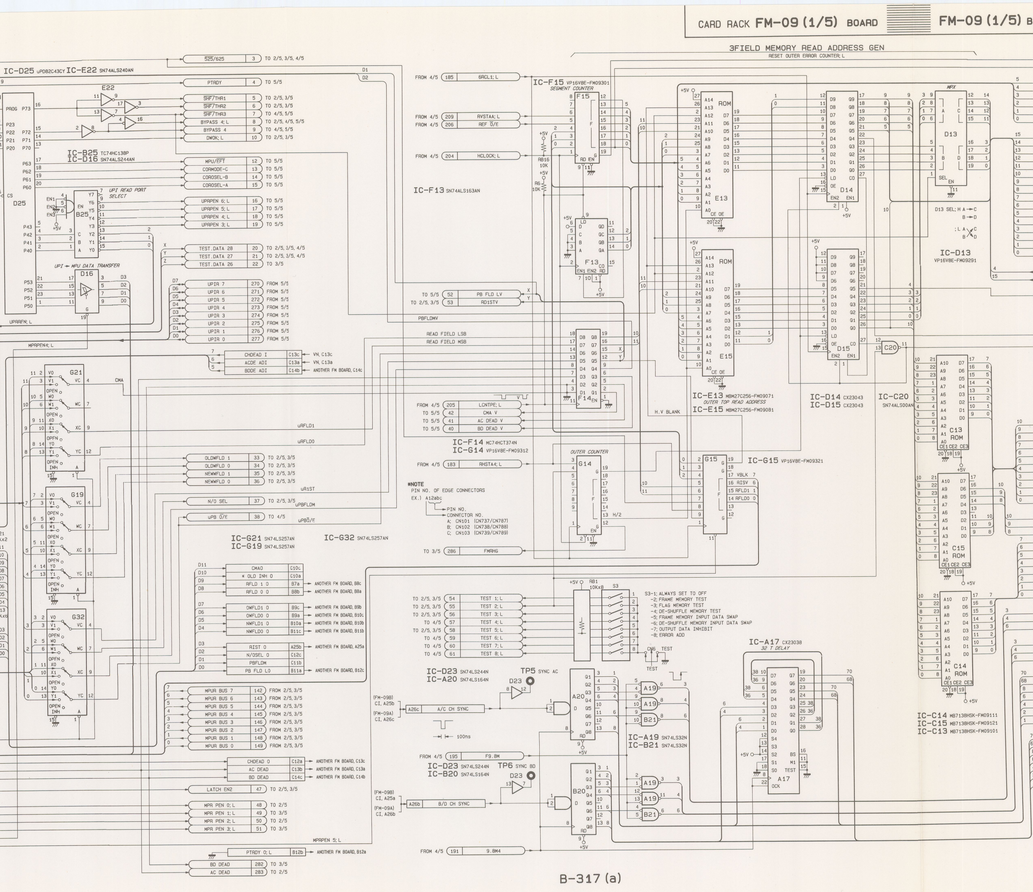
#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



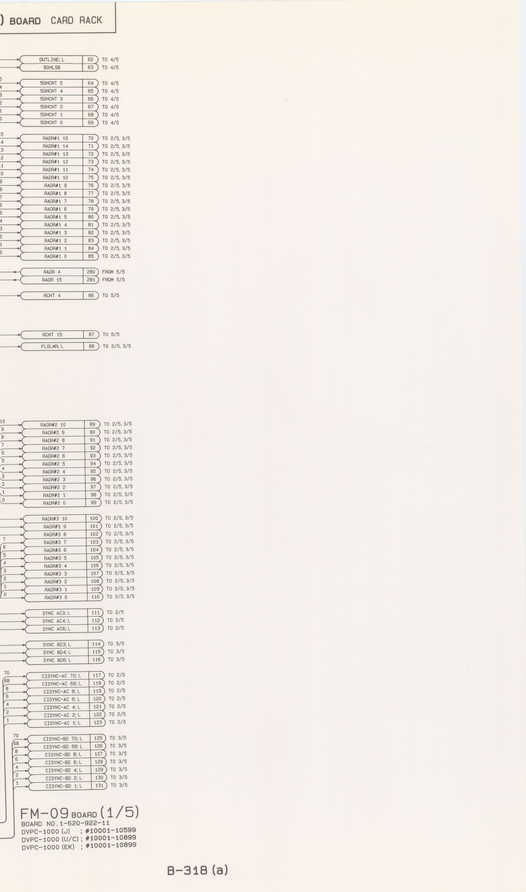
B-315 (3/3) (a)

B-316 (a)

CARD RACK FM-09 (1/5) BOARD FM-09 (1/5) BOARD CARD RACK



B-317 (a)



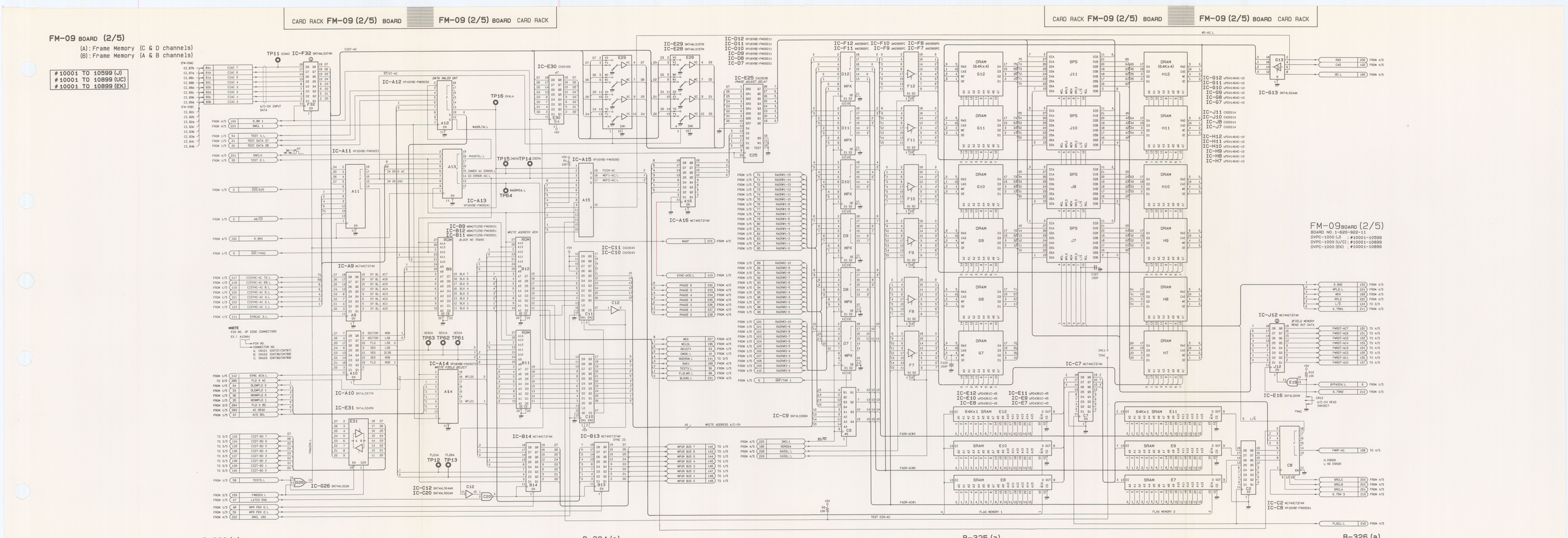
B-318 (a)

FM-09 BOARD (1/5)
BOARD NO. 1-620-922-11
DVPC-1000 (J) : #10001-10599
DVPC-1000 (U/C) : #10001-10899
DVPC-1000 (EK) : #10001-10899

FM-09 BOARD (2/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

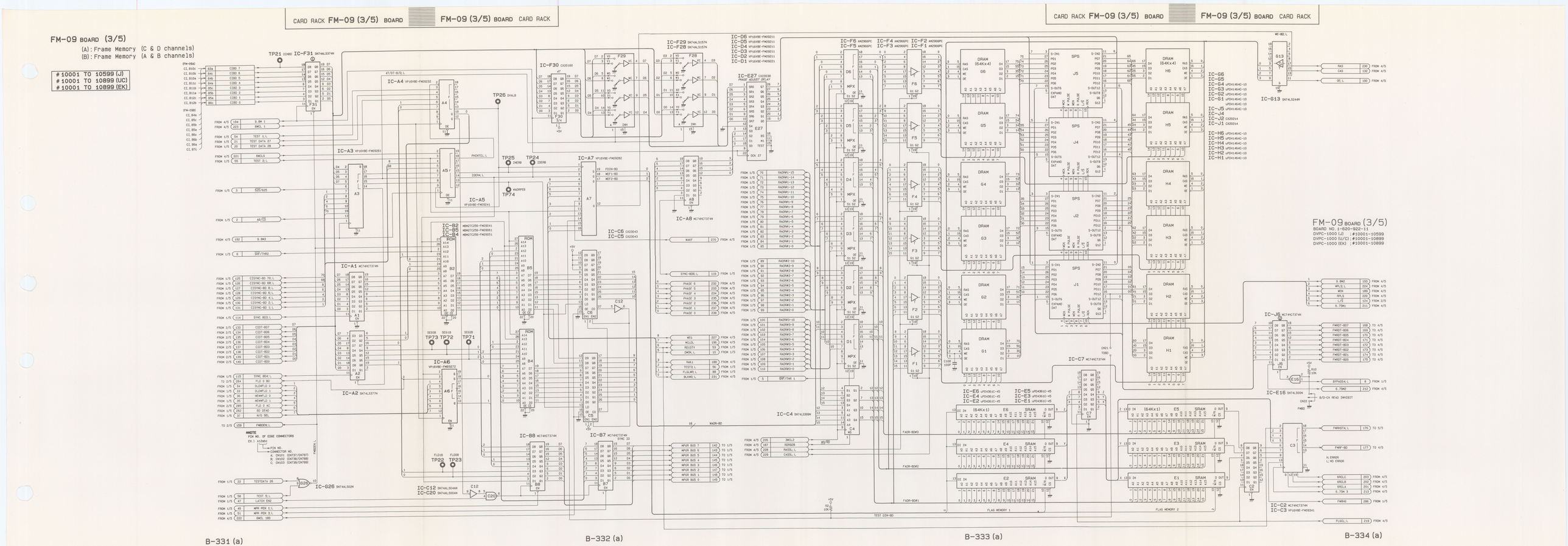


CARD RACK FM-09 (3/5) BOARD FM-09 (3/5) BOARD CARD RACK

FM-09 BOARD (3/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

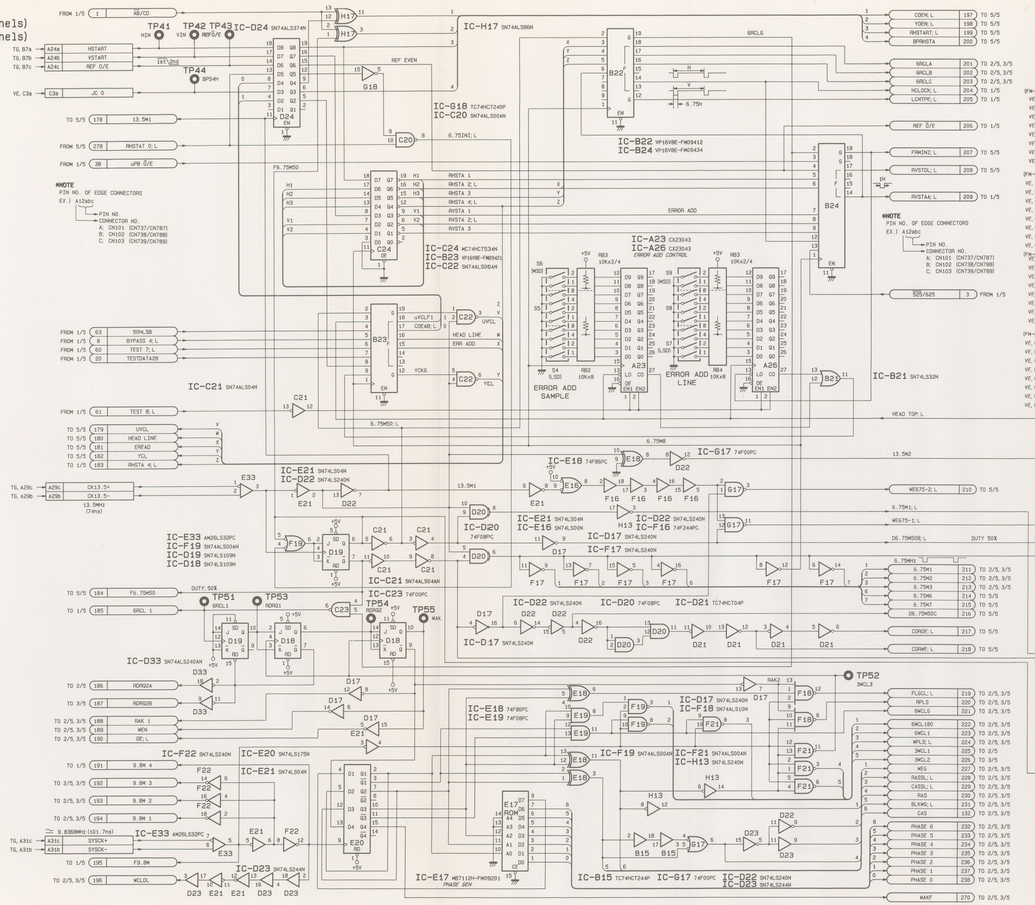
#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



FM-09 BOARD (4/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)



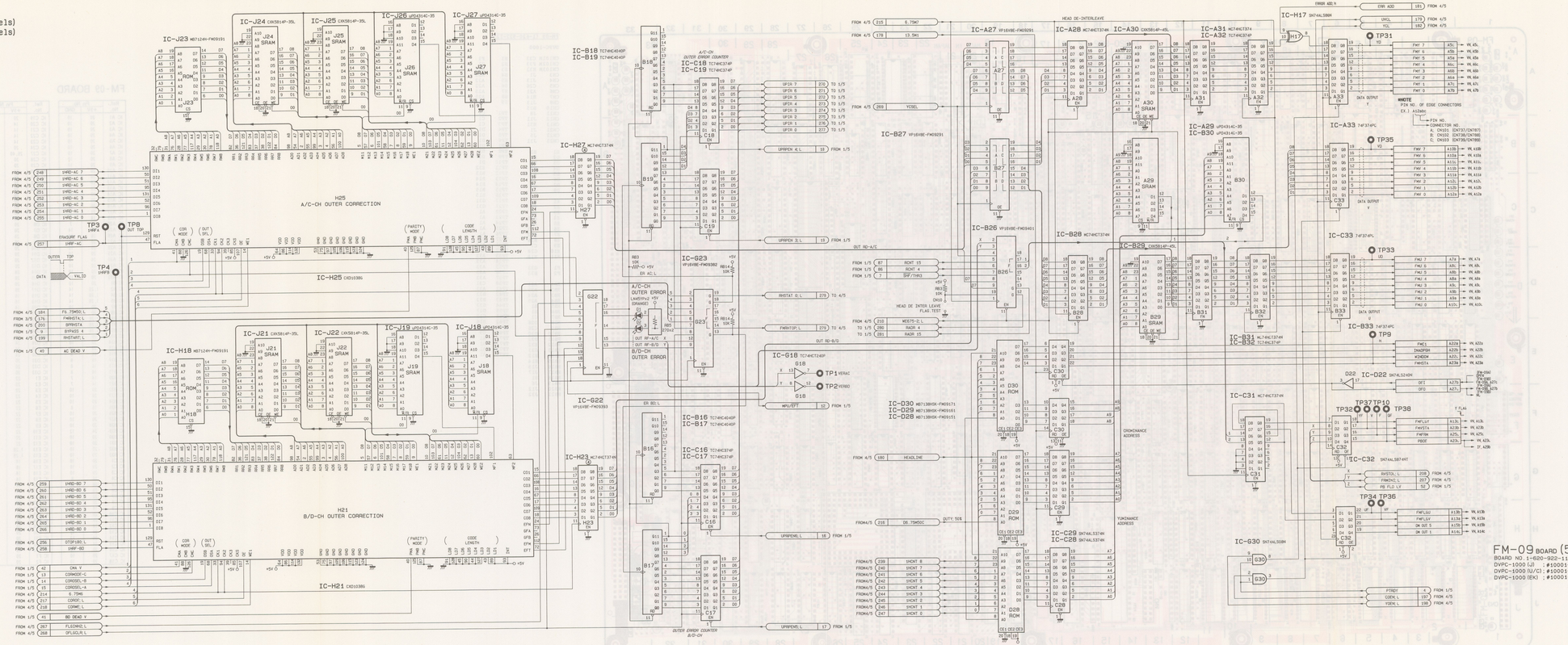
FM-09 BOARD (4/5)
BOARD NO.1-620-922-11
DVPC-1000 (J) ;#10001-10599
DVPC-1000 (U/C);#10001-10899
DVPC-1000 (EK) ;#10001-10899

CARD RACK FM-09 (5/5) BOARD FM-09 (5/5) BOARD CARD RACK

FM-09 BOARD (5/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

10001 TO 10599 (J)
10001 TO 10899 (UC)
10001 TO 10899 (EK)

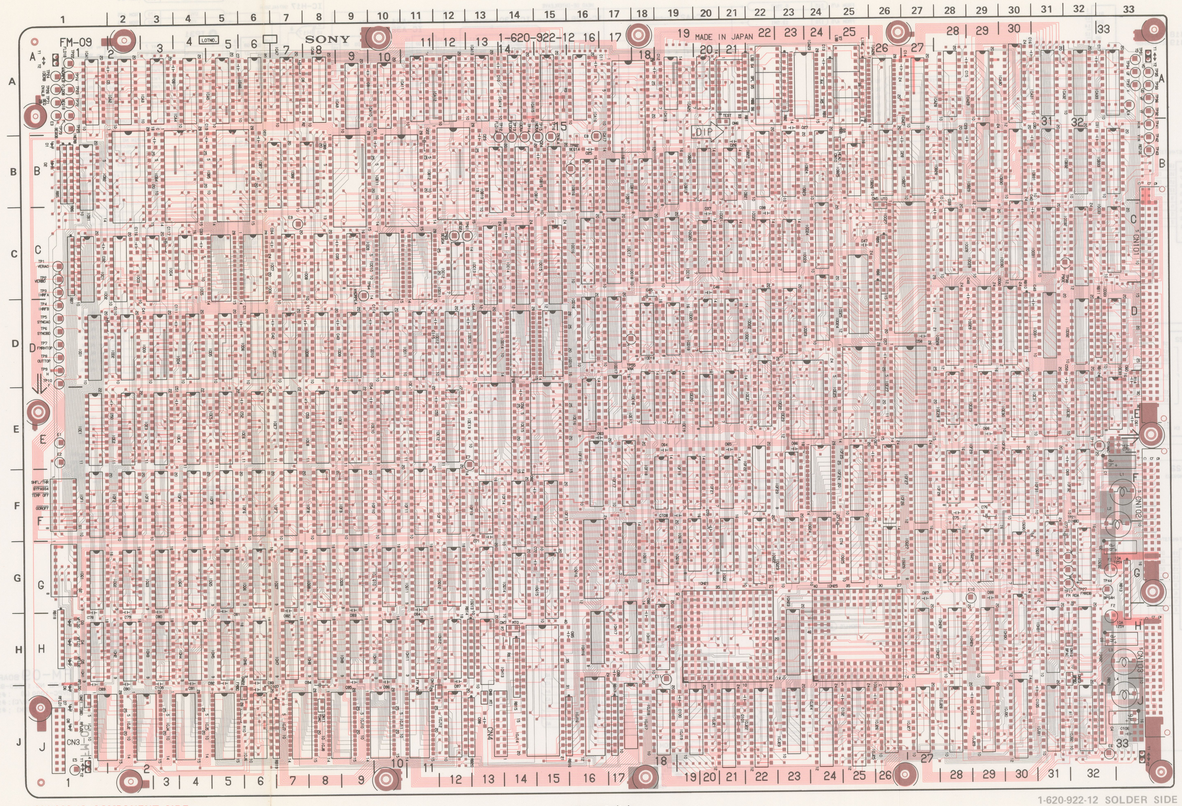


FM-09 BOARD (5/5)
BOARD NO. 1-620-922-11
DVPC-1000 (J) : #10001-10599
DVPC-1000 (U/C) : #10001-10899
DVPC-1000 (EK) : #10001-10899

FM-09 BOARD (1-620-922-12)

Component Side

#10501 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)



1-620-922-12 COMPONENT SIDE

1-620-922-12 SOLDER SIDE

FM-09 (1-620-922-12)

DVPC-1000

CB101M	C33	B1	F1
CB102M	F33	B2	G1
CB103M	H33	B3	A21
CB3	J1	B4	A22
CB4	J13	B5	A22
CB5	C26	B6	A22
CB6	A21	B7	A25
CB7	H14	B8	A25
CB8	J13	B9	A25
CB10	B25		
CB11	J8	TP1	C1
CB12	J11	TP2	C1
CB13	H31	TP3	C1
CB21	J1	TP4	D1
CB22	J5	TP5	D1
CB23	J31	TP6	D1
		TP7	D1
D1	B1	TP8	D1
D2	B1	TP9	D1
D3	B1	TP10	D1
D4	B1	TP11	B12
D5	B1	TP12	B13
D6	J1	TP13	B14
D7	J1	TP14	B14
D8	J1	TP15	B15
		TP16	B15
E1	E1	TP17	G31
E2	E1	TP21	G31
E3	A1	TP22	A1
E4	A33	TP23	A1
E5	J1	TP24	A1
E6	J33	TP25	A1
E7	F12	TP26	A1
E8	B16	TP27	G31
E9	C1	TP31	A33
E10	G28	TP32	A33
E11	H19	TP33	A33
		TP34	A33
F1	G33	TP35	A33
F2	H33	TP36	A33
		TP37	A33
RB1	A21	TP38	C31
RB2	A23	TP41	A33
RB3	A24	TP42	B33
RB4	A25	TP43	B33
RB5	B1	TP44	G33
RB6	B1	TP55	D17
RB7	C1	TP61	C12
RB8	D26	TP62	B16
RB9	C26	TP63	C12
RB10	D32	TP64	C9
RB11	D32	TP71	A1
RB12	E32	TP72	A1
RB13	G33	TP73	A1
RB14	H12	TP74	A1
RB15	H14		
RB16	J15		
RB17	J17		
RB18	J1		
RB19	J6		
RB20	J12		
RB21	J32		

FM-09 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A1	20	10
IC A2	20	10
IC A3	20	10
IC A4	20	10
IC A5	20	10
IC A6	20	10
IC A7	20	10
IC A8	20	10
IC A9	20	10
IC A10	20	10
IC A11	20	10
IC A12	20	10
IC A13	20	10
IC A14	20	10
IC A15	20	10
IC A16	20	10
IC A17	21	7
IC A19	14	7
IC A20	14	7
IC A23	14	14
IC A26	28	14
IC A27	20	10
IC A28	20	10
IC A29	20	10
IC A30	24	12
IC A31	20	10
IC A32	20	10
IC A33	20	10
IC B1	20	10
IC B2	1,28	14
IC B4	1,28	14
IC B5	1,28	14
IC B7	20	10
IC B8	20	10
IC B9	1,28	14
IC B11	1,28	14
IC B12	1,28	14
IC B13	20	10
IC B14	20	10
IC B15	20	10
IC B16	16	8
IC B17	16	8
IC B18	16	8
IC B19	16	8
IC B20	14	7
IC B21	14	7
IC B22	20	10
IC B23	20	10
IC B24	20	10
IC B25	16	8
IC B26	20	10
IC B27	20	10
IC B28	20	10
IC B29	24	12
IC B30	20	10
IC B31	20	10
IC B32	20	10
IC B33	20	10
IC C1	20	10
IC C2	20	10
IC C3	20	10
IC C4	16	8
IC C5	28	14
IC C6	28	14
IC C7	20	10
IC C8	20	10
IC C9	16	8
IC C10	28	14
IC C11	28	14
IC C12	14	7
IC C13	24	12
IC C14	24	12
IC C15	24	12
IC C16	20	10
IC C17	20	10
IC C18	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC C19	20	10
IC C20	14	7
IC C21	14	7
IC C22	14	7
IC C23	14	7
IC C24	20	10
IC C27	26,40	20
IC C28	20	10
IC C29	20	10
IC C30	24	12
IC C31	20	10
IC C32	24	12
IC C33	20	10
IC D1	20	10
IC D2	20	10
IC D3	20	10
IC D4	20	10
IC D5	20	10
IC D6	20	10
IC D7	20	10
IC D8	20	10
IC D9	20	10
IC D10	20	10
IC D11	20	10
IC D12	20	10
IC D13	20	10
IC D14	28	14
IC D15	28	14
IC D16	20	10
IC D17	20	10
IC D18	16	8
IC D19	16	8
IC D20	14	7
IC D21	14	7
IC D22	20	10
IC D23	20	10
IC D24	20	10
IC D25	24	12
IC D28	24	12
IC D29	24	12
IC D30	24	12
IC D31	20	10
IC D32	20	10
IC D33	20	10
IC E1	22	11
IC E2	22	11
IC E3	22	11
IC E4	22	11
IC E5	22	11
IC E6	22	11
IC E7	22	11
IC E8	22	11
IC E9	22	11
IC E10	22	11
IC E11	22	11
IC E12	22	11
IC E13	1,28	14
IC E15	1,28	14
IC E16	14	7
IC E17	16	8
IC E18	14	7
IC E19	14	7
IC E20	16	8
IC E21	14	7
IC E22	20	10
IC E23	24	12
IC E25	21	7
IC E27	21	7
IC E28	16	8
IC E29	16	8
IC E30	20	10
IC E31	20	10
IC E32	20	10
IC E33	16	8
IC F1	20	10
IC F2	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC F3	20	10
IC F4	20	10
IC F5	20	10
IC F6	20	10
IC F7	20	10
IC F8	20	10
IC F9	20	10
IC F10	20	10
IC F11	20	10
IC F12	20	10
IC F13	16	8
IC F14	20	10
IC F15	20	10
IC F16	20	10
IC F17	20	10
IC F18	14	7
IC F19	14	7
IC F21	14	7
IC F22	20	10
IC F23	18	9
IC F24	28	14
IC F25	20	10
IC F26	24	12
IC F27	24	12
IC F28	16	8
IC F29	16	8
IC F30	20	10
IC F31	20	10
IC F32	20	10
IC G1	9	18
IC G3	9	18
IC G4	9	18
IC G5	9	18
IC G6	9	18
IC G7	9	18
IC G8	9	18
IC G9	9	18
IC G10	9	18
IC G11	9	18
IC G12	9	18
IC G13	20	10
IC G14	20	10
IC G15	20	10
IC G16	24	12
IC G17	14	7
IC G18	20	10
IC G19	16	8
IC G20	9	18
IC G21	16	8
IC G22	20	10
IC G23	20	10
IC G24	20	10
IC G25	20	10
IC G29	14	7
IC G27	16	8
IC G28	16	8
IC G29	16	8
IC G30	16	8
IC G31	24	12
IC G32	16	8
IC H1	9	18
IC H2	9	18
IC H3	9	18
IC H4	9	18
IC H5	9	18
IC H6	9	18
IC H7	9	18
IC H8	9	18
IC H9	9	18
IC H10	9	18
IC H11	9	18
IC H12	9	18
IC H13	20	10
IC H16	16	8
IC H17	14	7
IC H18	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC H21	64,86, 114,132	53,75, 97,105, 106,123, 124
IC H23	20	10
IC H25	64,86, 114,132	53,75, 97,105, 106,123, 124
IC H27	20	10
IC H28	20	10
IC H29	20	10
IC H30	24	12
IC H31	20	10
IC H32	20	10
IC J1	28	14
IC J2	28	14
IC J3	28	14
IC J4	28	14
IC J5	28	14
IC J6	20	10
IC J7	28	14
IC J8	28	14
IC J10	28	14
IC J11	28	14
IC J12	20	10
IC J14	26,40	20
IC J16	24	12
IC J17	20	10
IC J18	20	10
IC J19	20	10
IC J21	24	12
IC J22	24	12
IC J23	20	10
IC J24	24	12
IC J25	24	12
IC J26	20	10
IC J27	20	10
IC J28	20	10
IC J29	20	10
IC J30	24	12
IC J31	20	10
IC J32	20	10

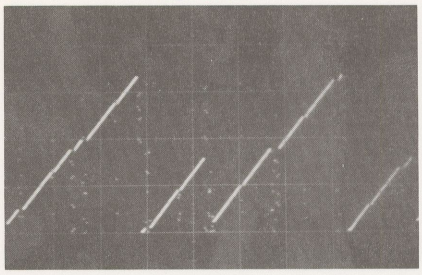
①FM-09A BOARD INPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

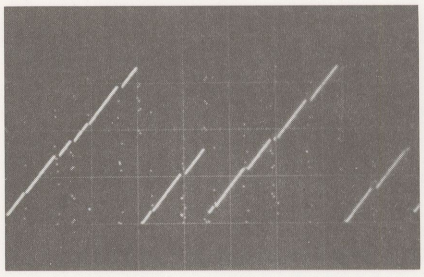
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switchers/Jumpers (DVPC-1000)
S1-4/SY-70A, B ···· ON
For other setting, refer to page B-2.

Channel-C (A); IC-F32/FM-09A (B)/
Page B-323



Channel-D (B); IC-F31/FM-09A (B)/
Page B-331



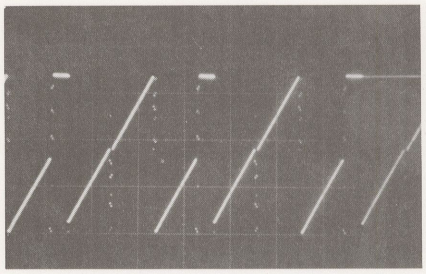
②FRAME MEMORY OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

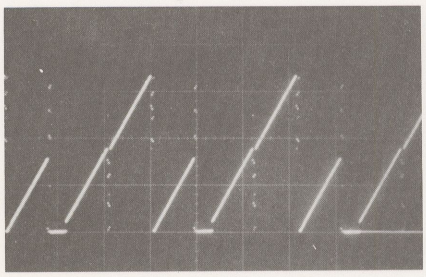
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B ···· ON
For other setting, refer to page B-2.

Channel-C (A); IC-J12/FM-09A (B)/
Page B-326



Channel-D (B); IC-J6/FM-09A (B)/
Page B-334



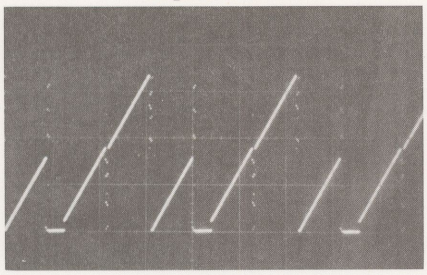
③1H DE-SHUFFLE MEMORY OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG; TP3/TG-28

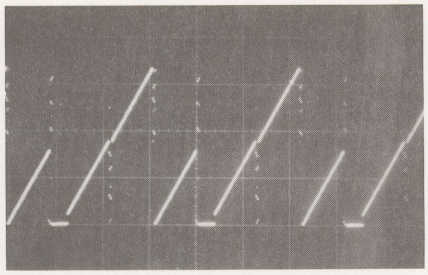
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B ···· ON
For other setting, refer to page B-2.

Channel-C (A); IC-H28/FM-09A (B)/
Page B-342



Channel-D (B); IC-J28/FM-09A (B)/
Page B-342



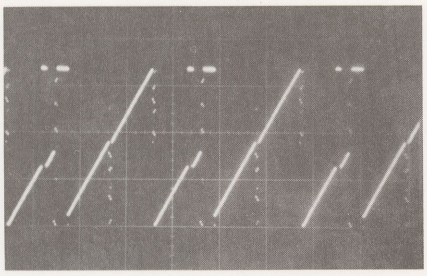
④OUTER DECODER OUTPUT DATA

Setting of Oscilloscope
20 μsec/div, 0.2 V/div
TRIG; TP3/TG-28

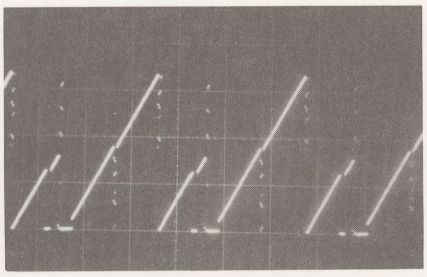
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B ···· ON
For other settings, refer to page B-2.

Channel-C (A); IC-H27/FM-09A (B)/
Page B-348



Channel-D (B); IC-H23/FM-09A (B)/
Page B-348



①FM-09A BOARD INPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.: TT9/TG-28

Setting of ROVING DAC

S1-1 ..... OFF

S1-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)

S1-4/SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-C (A): IC-F28/FM-09A (B)/
Page B-322

Channel-D (B): IC-F31/FM-09A (B)/
Page B-331

②FRAME MEMORY OUTPUT DATA

Setting of Oscilloscope

20 μsec/div, 0.2 V/div

TRIG.: TT8/TG-28

Setting of ROVING DAC

S1-1 ..... OFF

S1-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)

S1-4/SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-C (A): IC-J12/FM-09A (B)/
Page B-336

Channel-D (B): IC-J6/FM-09A (B)/
Page B-334

③IH DE-SHUFFLE MEMORY OUTPUT DATA

Setting of Oscilloscope

20 μsec/div, 0.2 V/div

TRIG: TT9/TG-28

Setting of ROVING DAC

S1-1 ..... OFF

S1-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)

S1-4/SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-C (A): IC-H28/FM-09A (B)/
Page B-343

Channel-D (B): IC-I28/FM-09A (B)/
Page B-342

④OUTER DECODER OUTPUT DATA

Setting of Oscilloscope

20 μsec/div, 0.2 V/div

TRIG: TT8/TG-28

Setting of ROVING DAC

S1-1 ..... OFF

S1-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)

S1-4/SY-70A, B .... ON

For other setting, refer to page B-2.

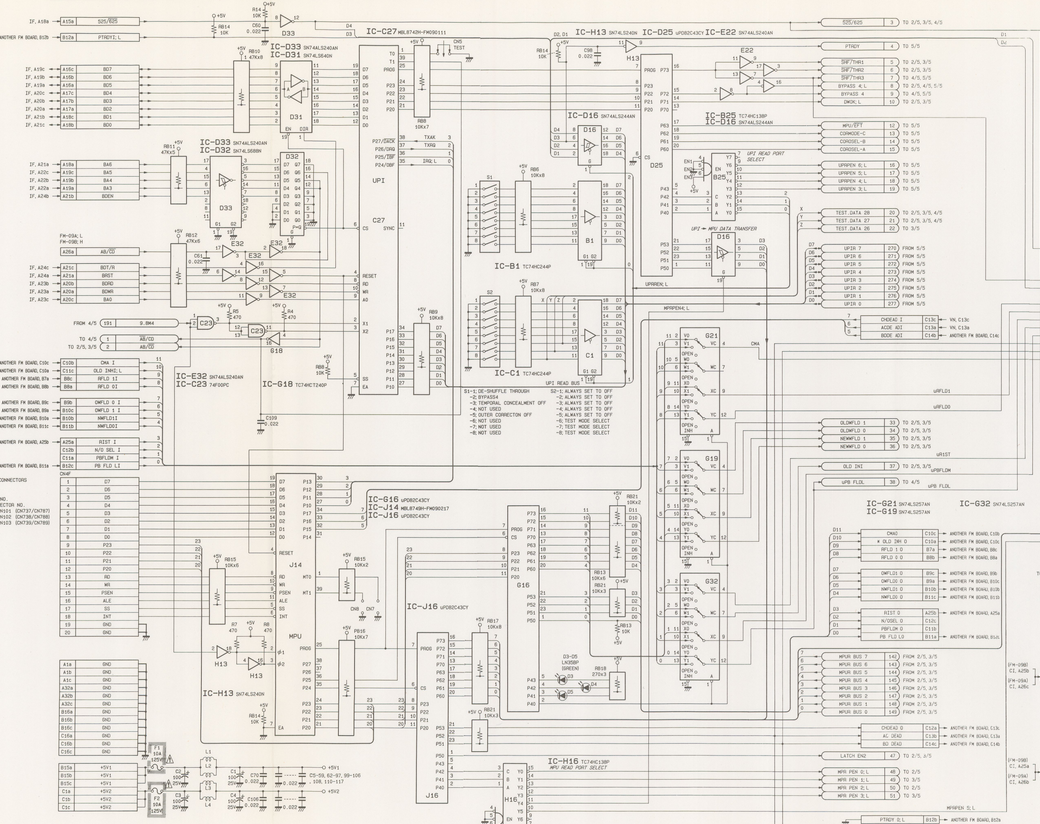
Channel-C (A): IC-H21/FM-09A (B)/
Page B-348

Channel-D (B): IC-H23/FM-09A (B)/
Page B-348

FM-09 BOARD (1/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

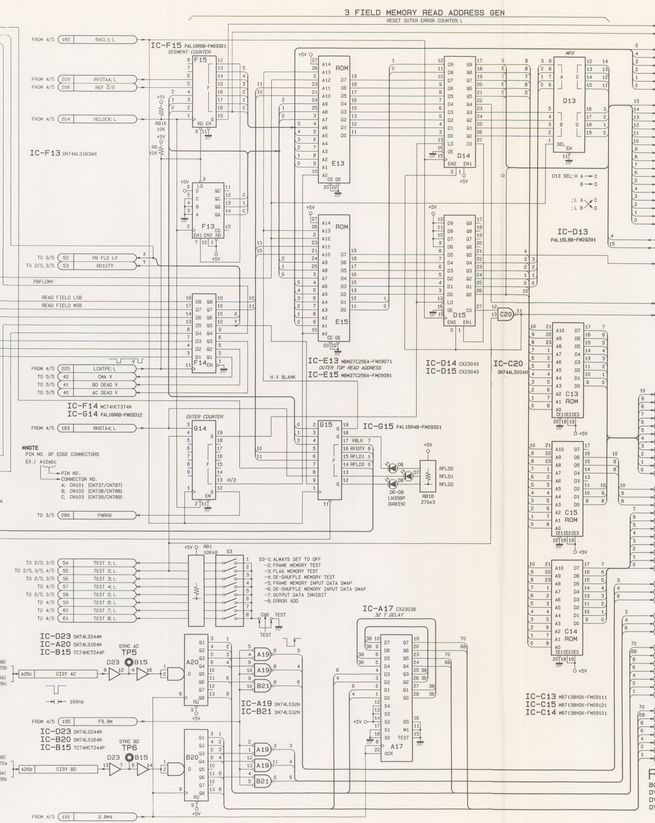
10601 & UP (J)
10901 & UP (UC)
10901 & UP (EK)



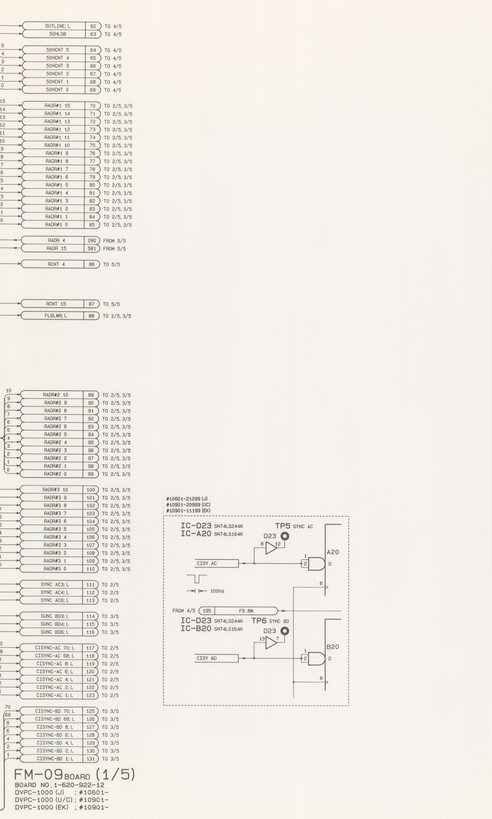
B-315 (3/3) (b)

B-316 (b)

CARD RACK FM-09 (1/5) BOARD FM-09 (1/5) BOARD CARD RACK



B-317 (b)



FM-09 BOARD (1/5)
BOARD NO.1-620-922-12
DVPC-1000 (J) : #10601-
DVPC-1000 (U/C) : #10901-
DVPC-1000 (EK) : #10901-

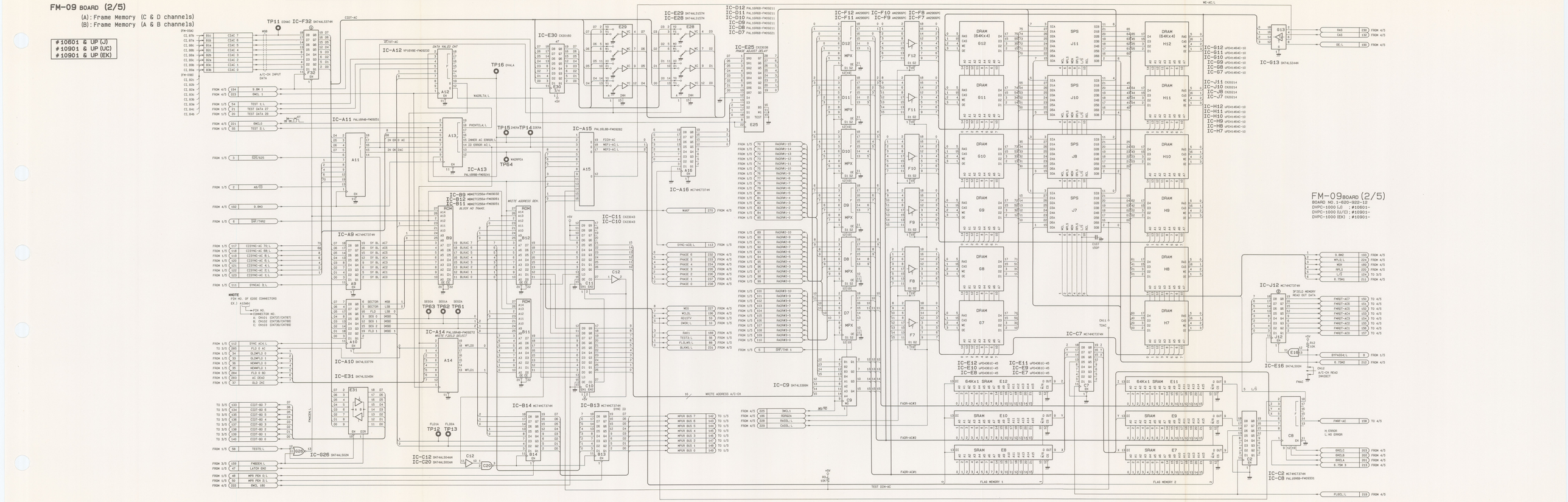
B-318 (b)

CARD RACK FM-09 (2/5) BOARD FM-09 (2/5) BOARD CARD RACK

FM-09 BOARD (2/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

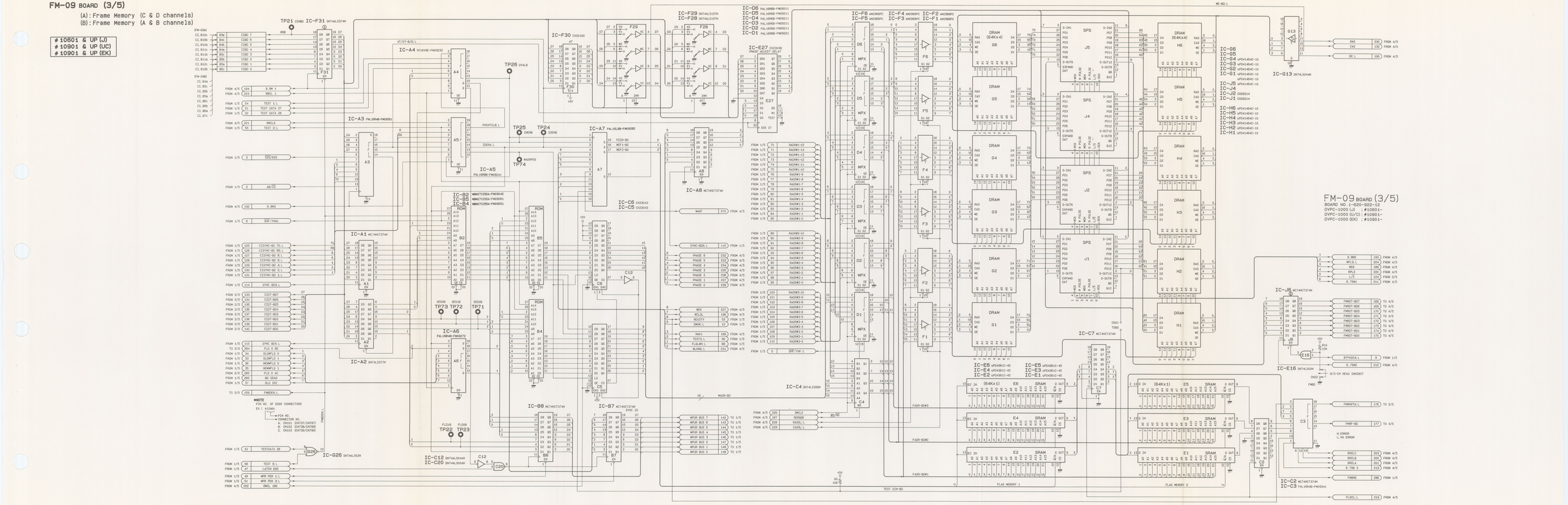


CARD RACK FM-09 (3/5) BOARD FM-09 (3/5) BOARD CARD RACK

FM-09 BOARD (3/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

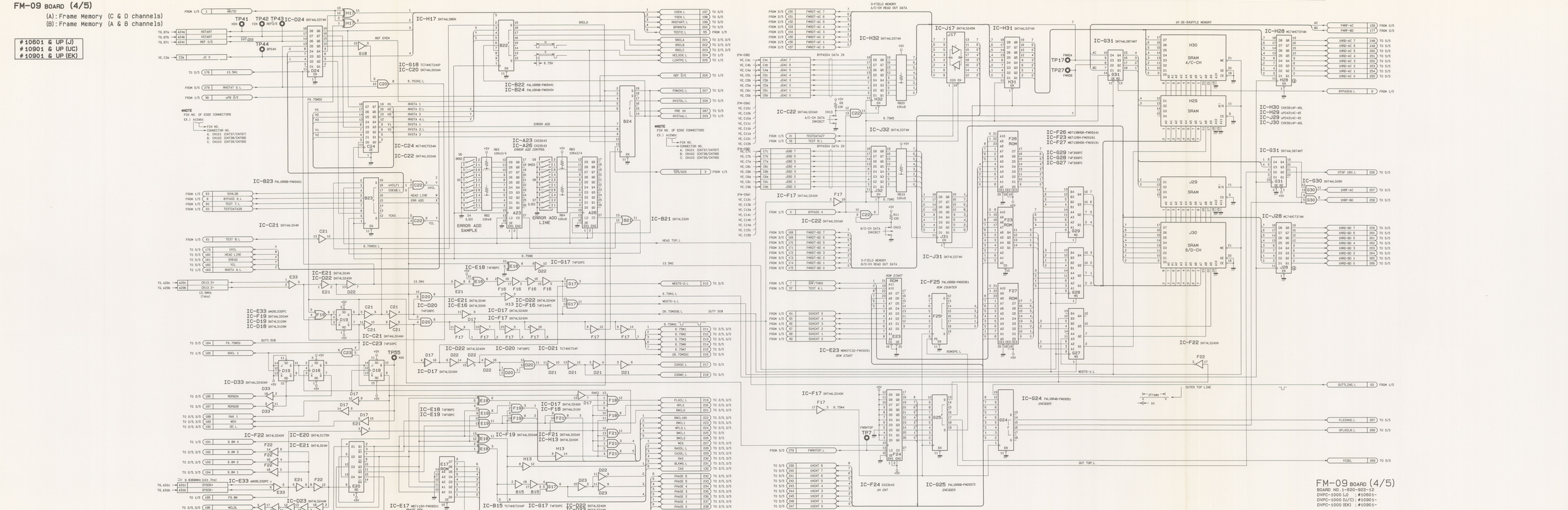


CARD RACK FM-09 (4/5) BOARD FM-09 (4/5) BOARD CARD RACK

FM-09 BOARD (4/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

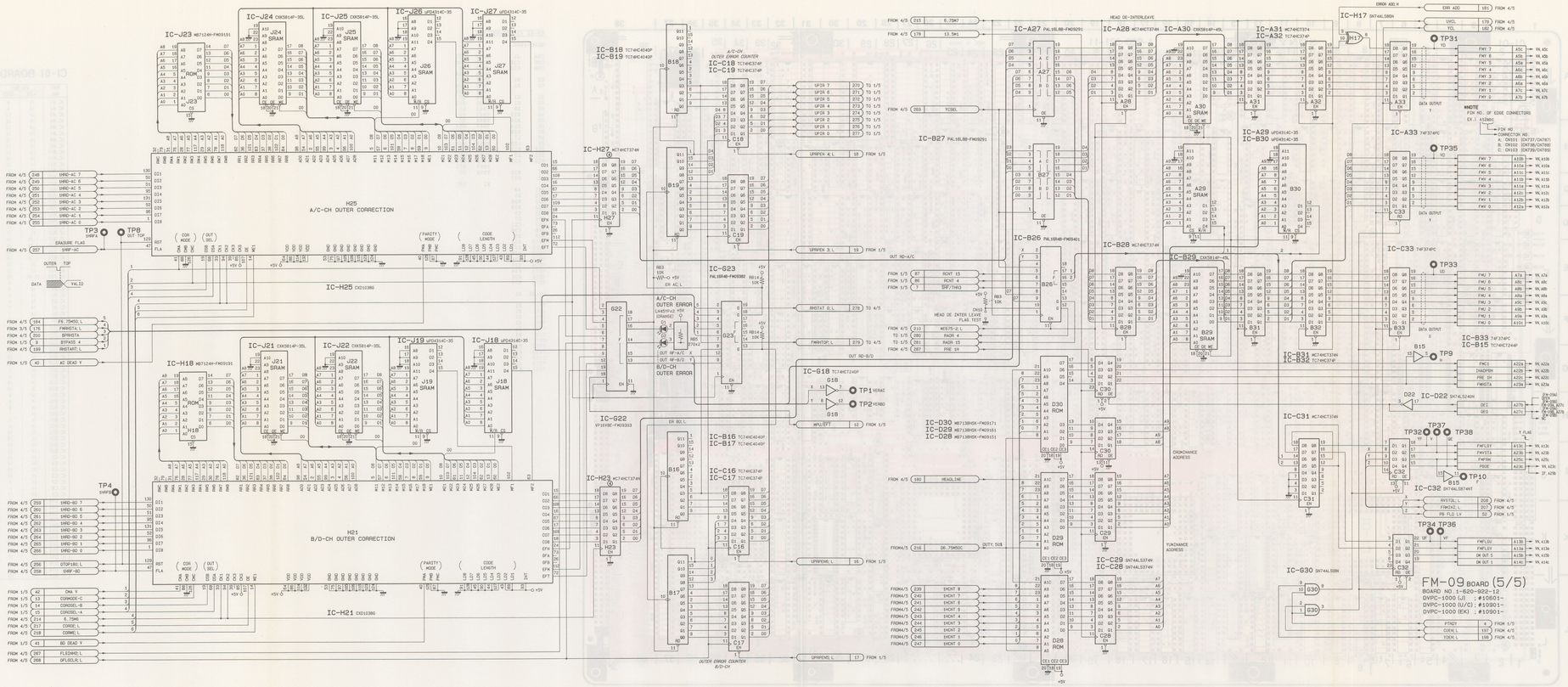


CARD RACK FM-09 (5/5) BOARD FM-09 (5/5) BOARD CARD RACK

FM-09 BOARD (5/5)

(A): Frame Memory (C & D channels)
(B): Frame Memory (A & B channels)

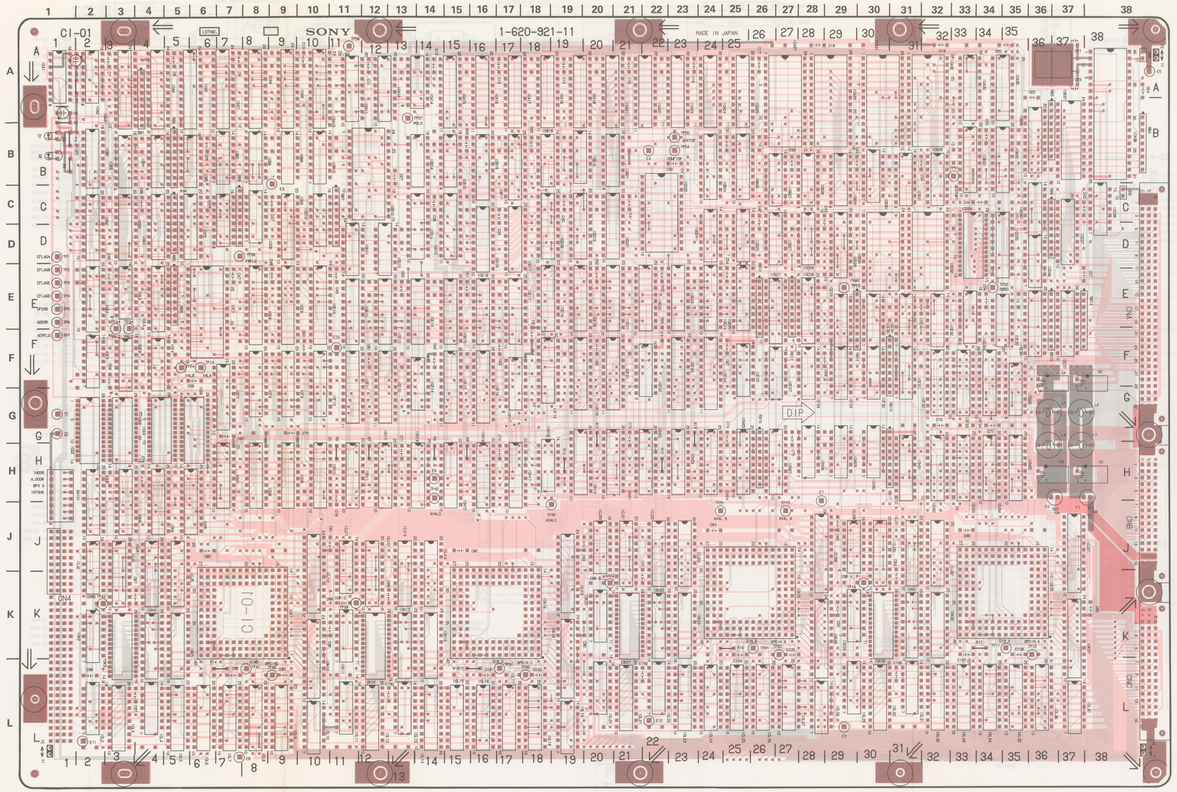
10601 & UP (J)
10901 & UP (UC)
10901 & UP (EK)


IC-J23 M67124H-FW09191
IC-J24 CXK5814P-35L
IC-J25 CXK5814P-35L
IC-J26 μPD4314C-35
IC-J27 μPD4314C-35
IC-H18 M67124H-FW09191
IC-J21 CXK5814P-35L
IC-J22 CXK5814P-35L
IC-J19 μPD4314C-35
IC-J18 μPD4314C-35
H25
A/C-CH OUTER CORRECTION
IC-H25 CXD1036G
H21
B/D-CH OUTER CORRECTION
IC-H21 CXD1036G
IC-H27 MC74HCT374H
IC-H23 MC74HCT374H
IC-B18 TC74HC4040P
IC-B19 TC74HC4040P
IC-C18 TC74HC374P
IC-C19 TC74HC374P
IC-G23 PAL16L8B-FW09382
IC-G22 VP1918E-FW09393
IC-B16 TC74HC4040P
IC-B17 TC74HC4040P
IC-C16 TC74HC374P
IC-C17 TC74HC374P
IC-G18 TC74HCT240P
IC-A27 PAL16L8B-FW09291
IC-B27 PAL16L8B-FW09291
IC-B26 PAL16R4B-FW09461
IC-A28 MC74HCT374H
IC-A30 CXK5814P-45L
IC-A31 MC74HCT374
IC-A32 TC74HC374P
IC-A29 SRAM
IC-B28 MC74HCT374H
IC-B29 CXK5814P-45L
IC-B29 SRAM
IC-A29 SRAM
IC-A29 SRAM
IC-A

CI-01 BOARD (1-620-921-11)

Component Side

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



B-351 (a) 1-620-921-11 COMPONENT SIDE

B-352 (a) 1-620-921-11 SOLDER SIDE

CI-01 (1-620-921-11)

DVPC-1000

CN4	J1	TP22	K27
CN5	C38	TP23	K20
CN6	A38	TP24	F5
		TP25	J24
D1	B1	TP31	G17
D2	B1	TP32	L18
		TP33	E13
E1	G1	TP34	B3
E2	G1	TP42	J18
E3	D9	TP43	K2
E4	B22	TP44	K2
E5	A38	TP44	E3
E6	B14	TP45	H14
E7	B28	TP51	B33
E8	L7	TP52	B34
E9	L29	TP53	E29
E10	F11	TP54	B23
E11	L2	TP55	B23
E12	L22	TP56	A11
		TP57	A13
F1	H38	TP58	D7
F2	H37		
		X1	A37
RB1	A4		
RB2	B5		
RB3	A36		
RB4	B38		
RB5	C5		
RB6	C7		
RB7	C11		
RB8	C36		
RB9	E5		
RB10	E26		
RB11	E27		
RB12	E29		
RB13	E36		
RB14	E37		
RB15	F30		
RB16	H26		
RB17	H30		
SW101	H1		
TP1	D1		
TP2	B1		
TP3	E1		
TP4	B1		
TP5	E1		
TP6	B1		
TP7	F1		
TP11	K35		
TP13	K30		
TP14	F6		
TP15	J27		
TP21	K26		

B-353 (a)

CARD RACK CI-01 BOARD CI-01 BOARD CARD RACK

CI-01 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A1	16	8
IC A2	16	8
IC A3	24	12
IC A4	24	12
IC A5	24	12
IC A7	24	12
IC A8	24	12
IC A9	24	12
IC A10	24	12
IC A11	20	10
IC A12	20	10
IC A14	16	8
IC A15	22	11
IC A16	22	11
IC A17	22	11
IC A18	22	11
IC A19	22	11
IC A21	22	11
IC A22	22	11
IC A23	22	11
IC A24	22	11
IC A25	22	11
IC A27	1,28	14
IC A29	1,28	14
IC A31	1,28	14
IC A32	1,28	14
IC A33	20	10
IC A35	20	10
IC A36	20,40	20
IC B2	18	9
IC B3	16	8
IC B4	16	8
IC B5	16	8
IC B7	14	7
IC B8	14	7
IC B9	14	7
IC B10	14	7
IC B12	21	10
IC B14	16	8
IC B15	16	8
IC B16	20	10
IC B17	20	10
IC B18	16	8
IC B19	14	7
IC B21	16	8
IC B24	20	10
IC B25	20	10
IC B27	16	8
IC B28	16	8
IC B29	16	8
IC B30	14	7
IC B31	16	8
IC B32	16	8
IC B33	20	10
IC B35	20	10
IC B36	20	10
IC B37	24	12
IC C2	20	10
IC C3	20	10
IC C4	20	10
IC C5	20	10
IC C7	16	8
IC C8	14	7
IC C9	20	10
IC C10	16	8
IC C22	24	12
IC C36	14	7
IC C38	14	7
IC D11	14	7
IC D12	14	7
IC D14	20	10
IC D15	20	10
IC D16	20	10
IC D17	20	10
IC D18	20	10
IC D19	20	10
IC D21	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC D24	14	7
IC D25	16	8
IC D27	16	8
IC D28	16	8
IC D29	20	10
IC D30	24	12
IC D32	24	12
IC D34	28	14
IC D35	20	10
IC D36	14	7
IC D37	20	10
IC E2	20	10
IC E3	16	8
IC E4	20	10
IC E7	1,28	14
IC E8	24	12
IC E9	24	12
IC E10	24	12
IC E11	20	10
IC E12	20	10
IC E14	20	10
IC E15	20	10
IC E16	20	10
IC E17	20	10
IC E18	20	10
IC E19	20	10
IC E21	20	10
IC E22	20	10
IC E23	20	10
IC E24	20	10
IC E25	20	10
IC E27	20	10
IC E28	20	10
IC E29	14	7
IC E30	14	7
IC E31	14	7
IC E32	14	7
IC E33	16	8
IC E35	14	7
IC E36	20	10
IC E37	20	10
IC F2	14	7
IC F3	16	8
IC F4	16	8
IC F7	20	10
IC F8	20	10
IC F9	20	10
IC F10	20	10
IC F11	22	11
IC F12	22	11
IC F14	16	8
IC F15	22	11
IC F16	22	11
IC F17	16	8
IC F18	20	10
IC F19	22	11
IC F21	22	11
IC F22	16	8
IC F23	22	11
IC F24	22	11
IC F25	16	8
IC F27	14	7
IC F28	14	7
IC F29	14	7
IC F30	14	7
IC F31	14	7
IC F32	20	10
IC F33	20	10
IC F34	20	10
IC G2	28	14
IC G3	28	14
IC G4	28	14
IC G6	28	14
IC G35	16	8
IC H2	20	10
IC H3	20	10
IC H4	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC H5	20	10
IC H7	20	10
IC H8	20	10
IC H9	20	10
IC H10	20	10
IC H11	20	10
IC H12	20	10
IC H14	20	10
IC H15	20	10
IC H16	20	10
IC H17	20	10
IC H18	14	7
IC H19	20	10
IC H21	20	10
IC H22	20	10
IC H23	20	10
IC H24	20	10
IC H25	20	10
IC H27	20	10
IC H28	14	7
IC H29	14	7
IC H30	14	7
IC H31	20	10
IC H32	20	10
IC H33	20	10
IC H34	20	10
IC H35	20	10
IC J2	16	8
IC J3	20	10
IC J4	20	10
IC J5	20	10
IC J10	24	12
IC J11	16	8
IC J12	20	10
IC J13	20	10
IC J14	20	10
IC J19	24	12
IC J20	16	8
IC J21	20	10
IC J22	20	10
IC J23	20	10
IC J28	24	12
IC J29	16	8
IC J30	20	10
IC J31	20	10
IC J32	20	10
IC J37	24	12
IC K2	14	7
IC K3	28	14
IC K4	20	10
IC K5	20	10
IC K7	64,86, 114,132	53,75, 97,105, 106,123, 124
IC K10	24	12
IC K11	14	7
IC K12	28	14
IC K13	20	10
IC K14	20	10
IC K16	64,86, 114,132	53,75, 97,105, 106,123, 124
IC K19	24	12
IC K20	14	7
IC K21	28	14
IC K22	20	10
IC K23	20	10
IC K25	64,86, 114,132	53,75, 97,105, 106,123, 124
IC K28	24	12
IC K29	14	7
IC K30	28	14
IC K31	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC K32	20	10
IC K35	64,86, 114,132	53,75, 97,105, 106,123, 124
IC K37	24	12
IC L2	14	7
IC L3	20	10
IC L4	14	7
IC L5	20	10
IC L6	20	10
IC L7	20	10
IC L8	20	10
IC L9	20	10
IC L10	14	7
IC L11	14	7
IC L12	20	10
IC L13	14	7
IC L14	20	10
IC L15	20	10
IC L16	20	10
IC L17	20	10
IC L18	20	10
IC L19	14	7
IC L20	14	7
IC L21	20	10
IC L22	14	7
IC L23	20	10
IC L24	20	10
IC L25	20	10
IC L26	20	10
IC L27	20	10
IC L28	14	7
IC L29	14	7
IC L30	20	10
IC L31	14	7
IC L32	20	10
IC L33	20	10
IC L34	20	10
IC L35	20	10
IC L36	20	10
IC L37	14	7

B-354 (a)

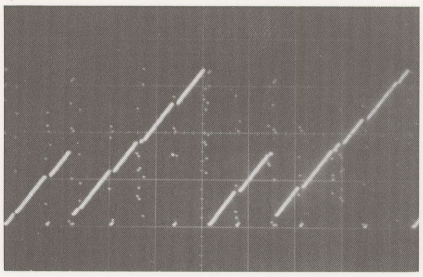
①CI-01 BOARD INPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

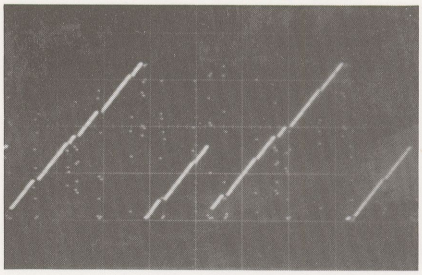
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B···· ON
For other setting, refer to page B-2.

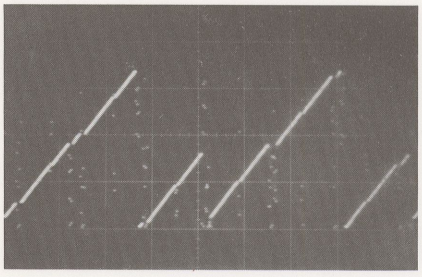
Channel-A; IC-L35/CI-01/Page B-362



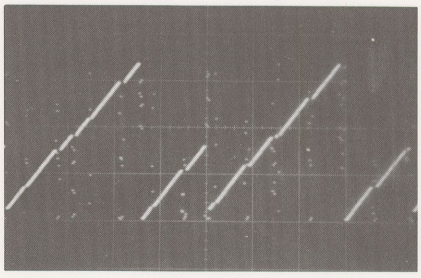
Channel-B; IC-L26/CI-01/Page B-363



Channel-C; IC-L17/CI-01/Page B-370



Channel-D; IC-L8/CI-01/Page B-371



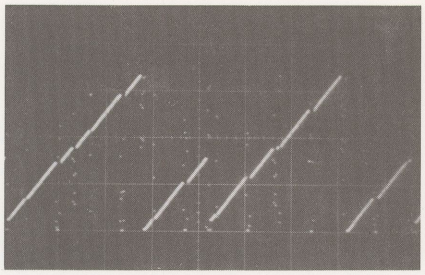
②INNER DECODER INPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

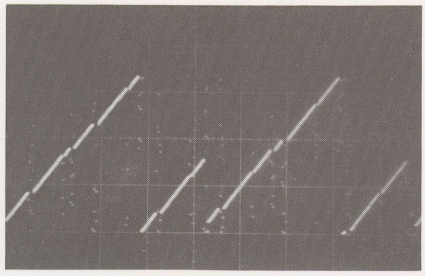
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B···· ON
For other setting, refer to page B-2.

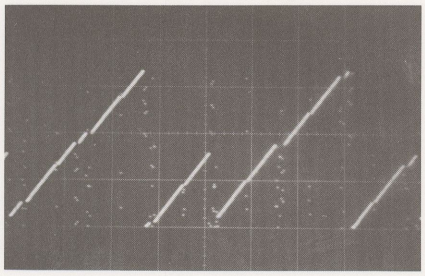
Channel-A; IC-J31/CI-01/Page B-362



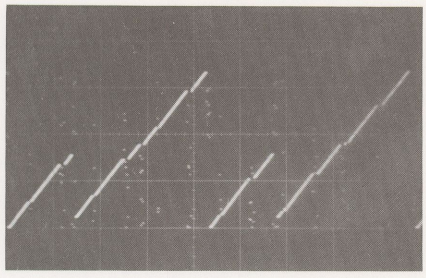
Channel-B; IC-J22/CI-01/Page B-364



Channel-C; IC-J13/CI-01/Page B-370



Channel-D; IC-J4/CI-01/Page B-372



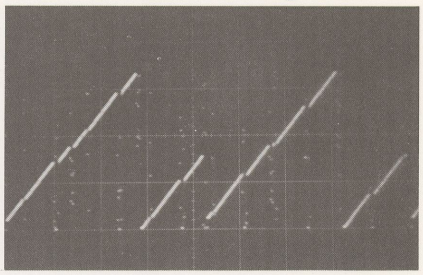
③CI-01 BOARD OUTPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

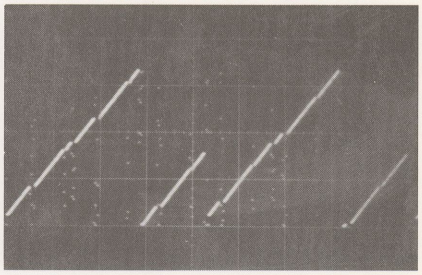
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switshes/Jumpers (DVPC-1000)
S1-4/SY-70A, B···· ON
For other setting, refer to page B-2.

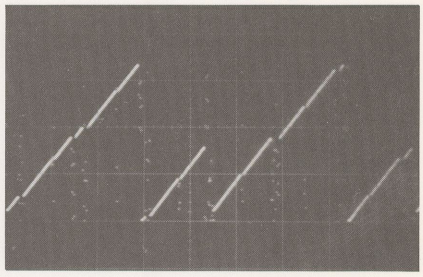
Channel-A; IC-F33/CI-01/Page B-378



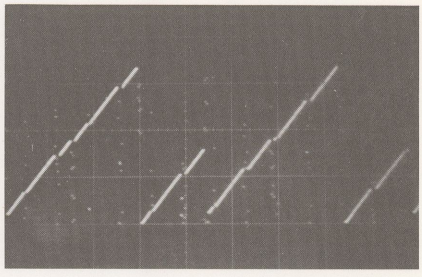
Channel-B; IC-F32/CI-01/Page B-378



Channel-C; IC-H33/CI-01/Page B-378



Channel-D; IC-H32/CI-01/Page B-378



①CI-01 BOARD INPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.: TP3/TC-28

Setting of ROVING DAC

SI-1 ..... OFF

SI-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)

SI-4/SY-70A, B.... ON

For other setting, refer to page B-2.

Channel-A: IC-L35/CI-01/Page B-362

Channel-B: IC-L36/CI-01/Page B-363

Channel-C: IC-L17/CI-01/Page B-370

Channel-D: IC-L8/CI-01/Page B-371

②INNER DECODER INPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.: TP3/TC-28

Setting of ROVING DAC

SI-1 ..... OFF

SI-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)

SI-4/SY-70A, B.... ON

For other setting, refer to page B-2.

Channel-A: IC-J31/CI-01/Page B-362

Channel-B: IC-J32/CI-01/Page B-364

Channel-C: IC-J13/CI-01/Page B-370

Channel-D: IC-J4/CI-01/Page B-372

③CI-01 BOARD OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.: TP3/TC-28

Setting of ROVING DAC

SI-1 ..... OFF

SI-2/3/4 ..... ON

Setting of Switches/Jumpers (DVPC-1000)

SI-4/SY-70A, B.... ON

For other setting, refer to page B-2.

Channel-A: IC-P32/CI-01/Page B-378

Channel-B: IC-P33/CI-01/Page B-378

Channel-C: IC-H33/CI-01/Page B-378

Channel-D: IC-H32/CI-01/Page B-378

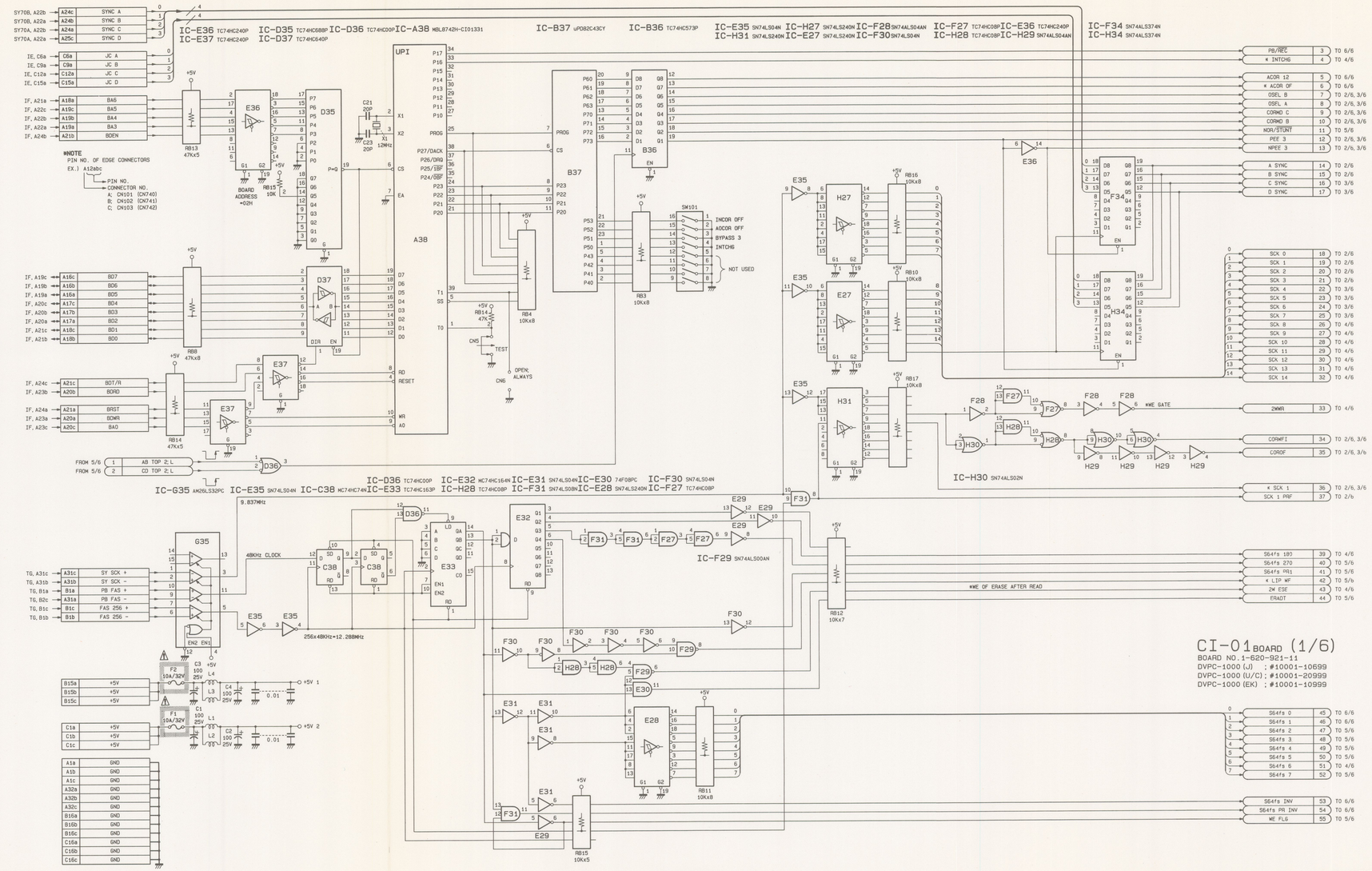
CI-01 (1/6) BOARD CARD RACK

CARD RACK CI-01 (1/6) BOARD

CI-01 BOARD (1/6)

Inner Decoder

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

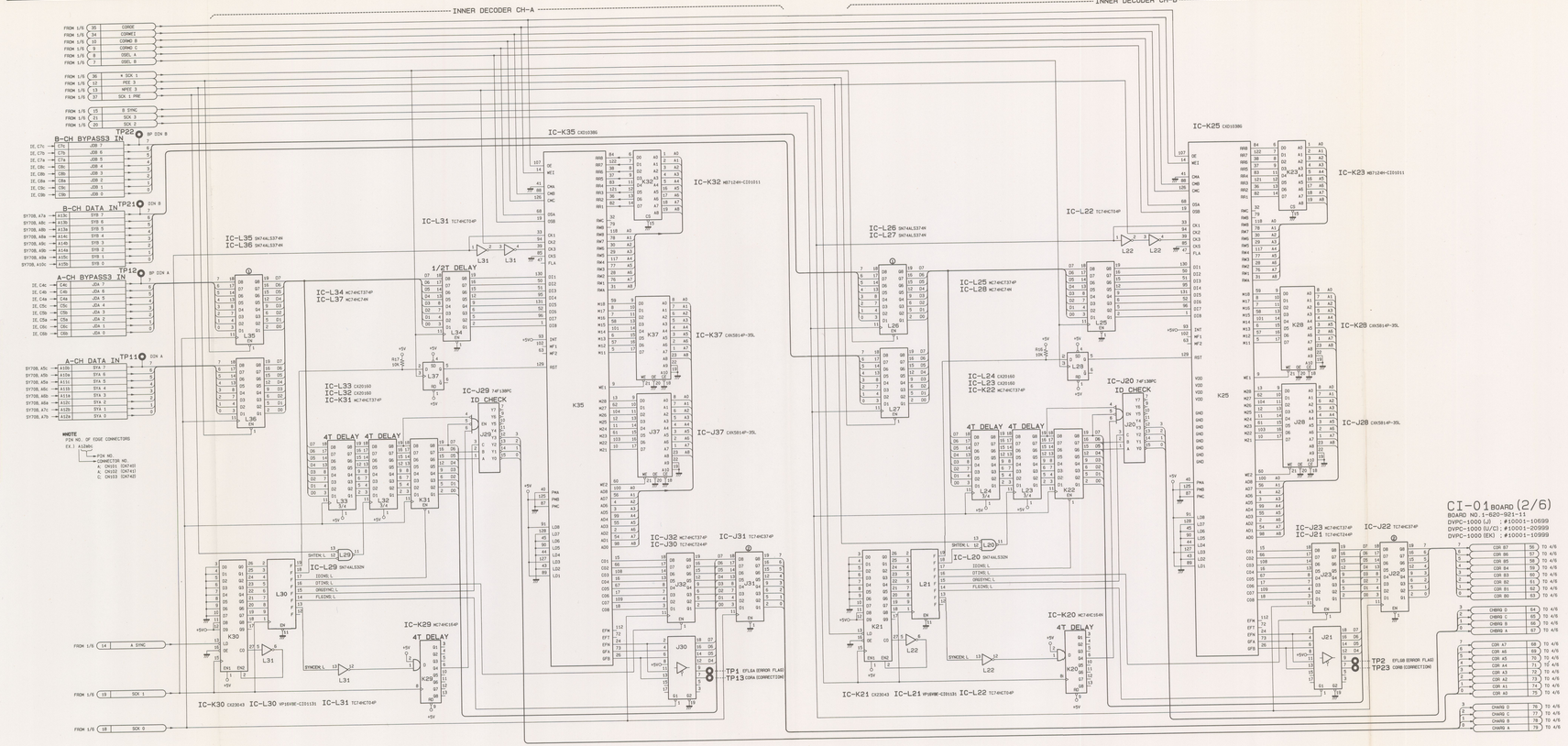


CARD RACK CI-01 (2/6) BOARD CI-01 (2/6) BOARD CARD RACK

CI-01 BOARD (2/6)

Inner Decoder

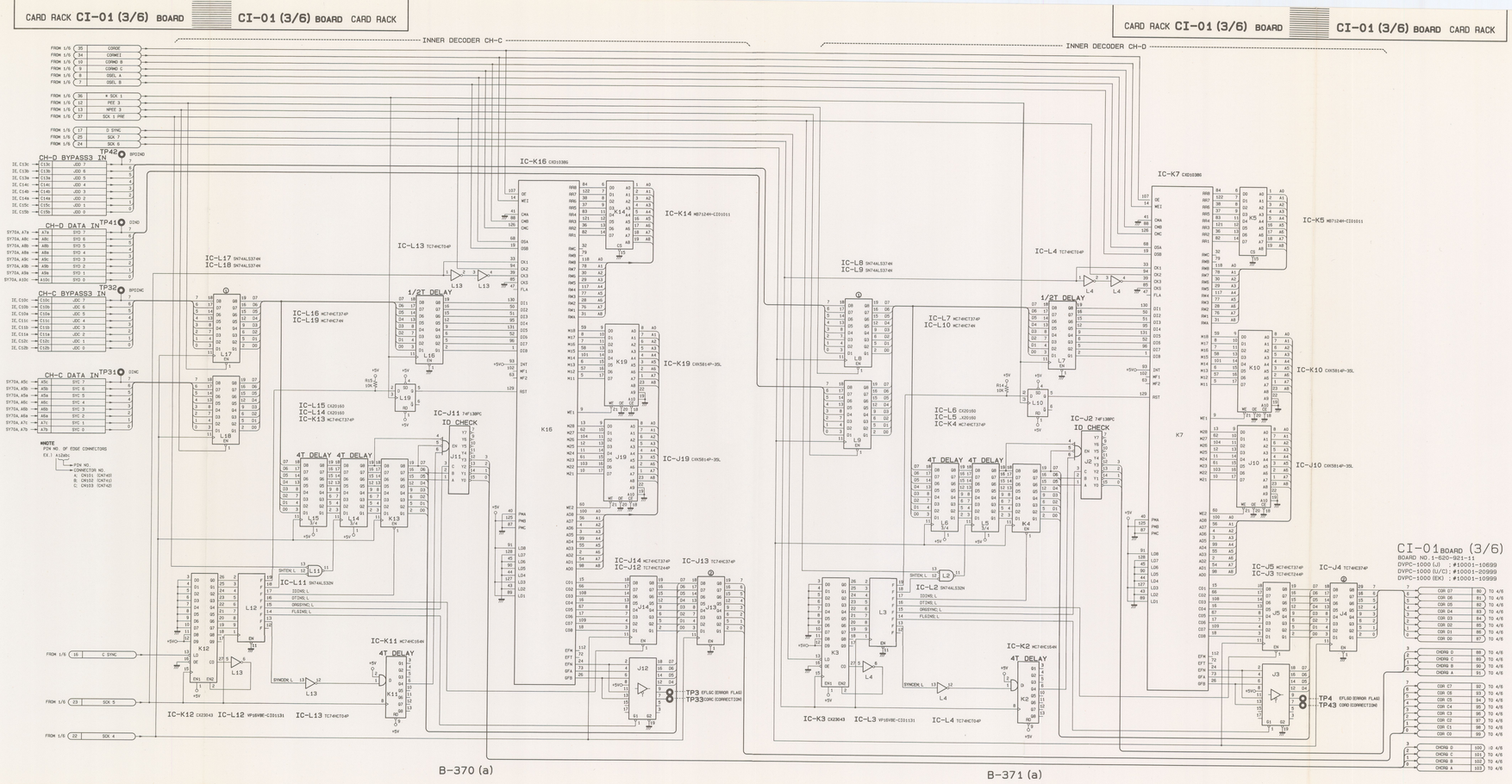
#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



CI-01 BOARD (3/6)

Inner Decoder

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



B-369 (a)

B-370 (a)

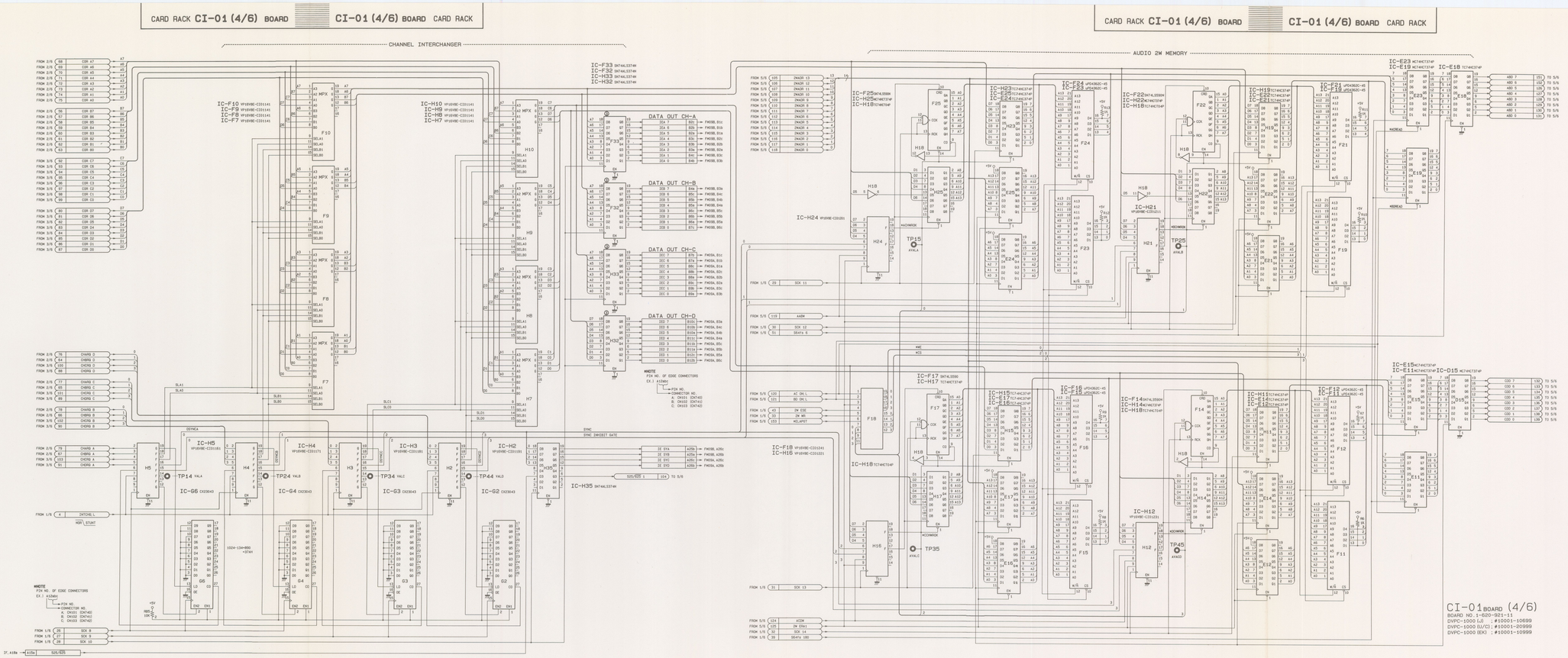
B-371 (a)

B-372 (a)

CI-01 BOARD (4/6)

Inner Decoder

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

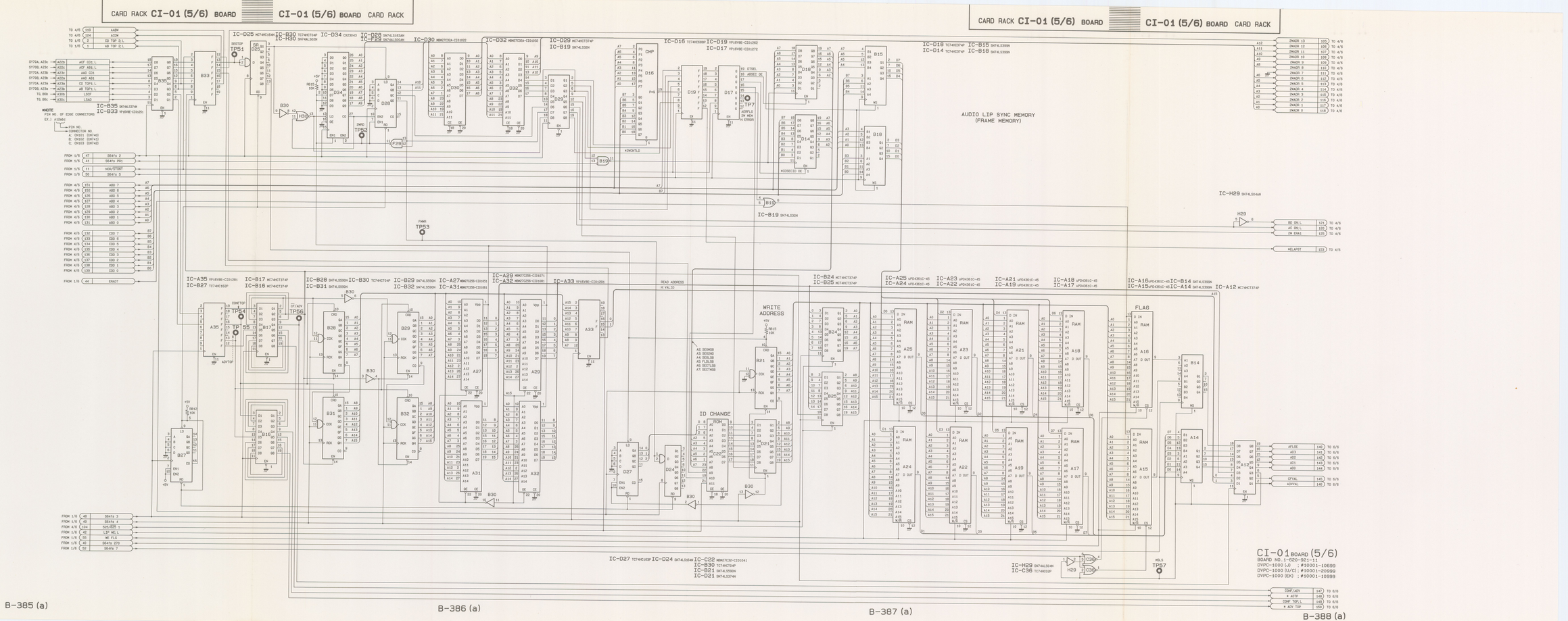


B-377 (a) B-378 (a) B-379 (a) B-380 (a)

CI-01 BOARD (5/6)

Inner Decoder

#10001 TO 10699(J)
#10001 TO 20999(UC)
#10001 TO 10999(EK)

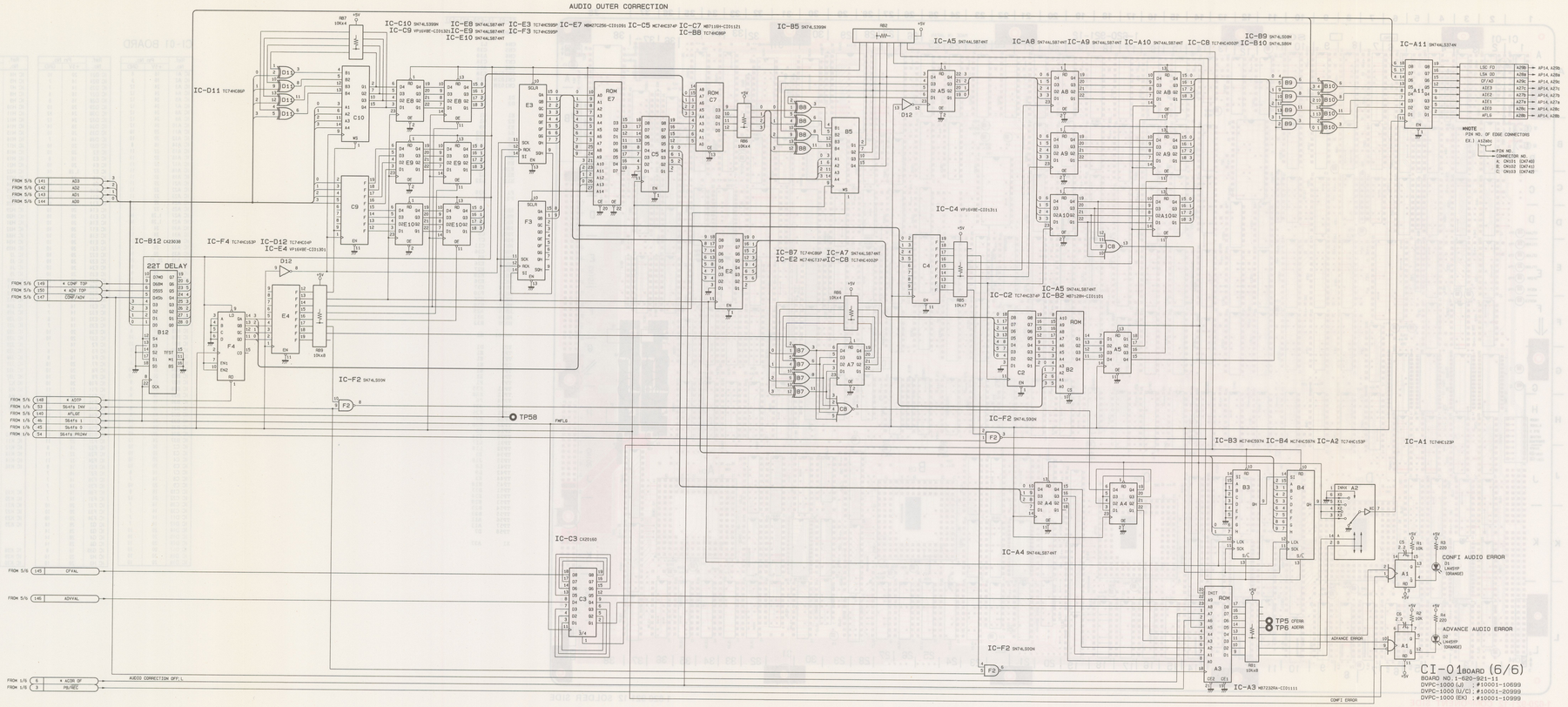


CARD RACK CI-01 (6/6) BOARD CI-01 (6/6) BOARD CARD RACK

CI-01 BOARD (6/6)

Inner Decoder

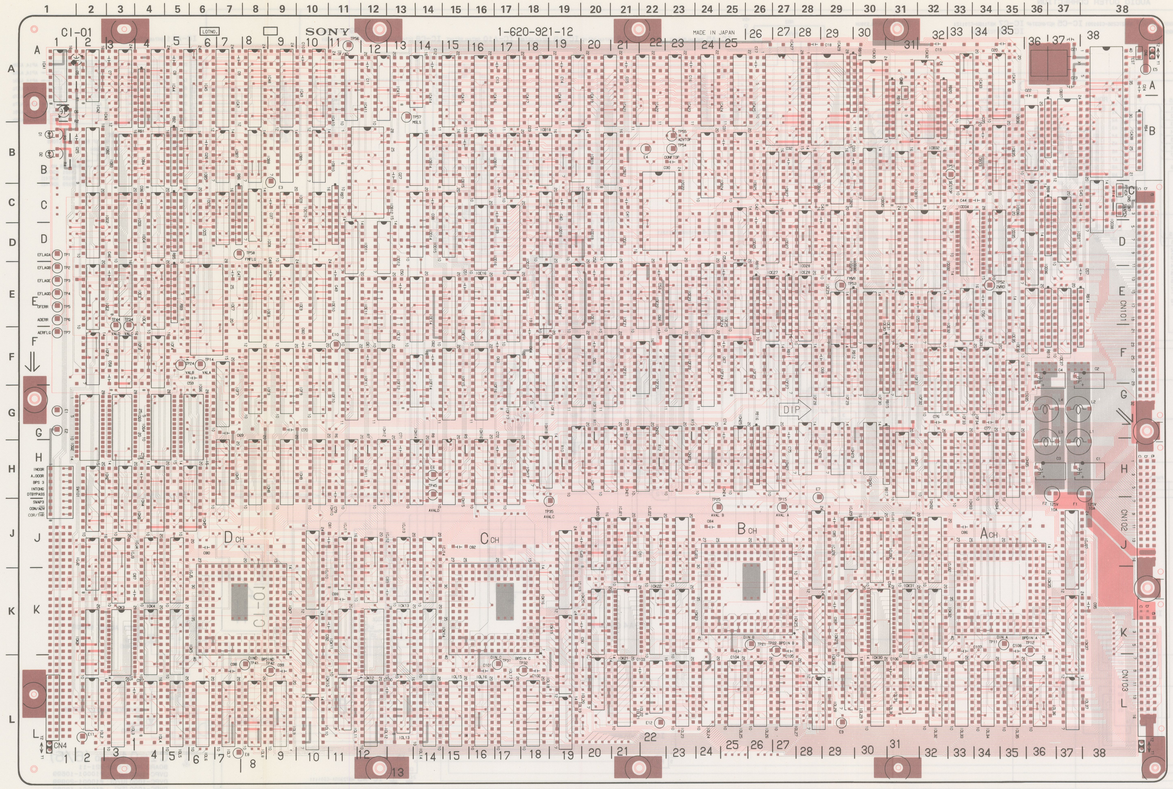
#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)



CI-01 BOARD (1-620-921-12)

Component Side

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



1-620-921-12 COMPONENT SIDE

1-620-921-12 SOLDER SIDE

CI-01 (1-620-921-12)

DVPC-1000

CN4	L1
CN5	C18
CN6	A38
CN7	C38
CN8	A31
CN101M	E38
CN102M	J38
CN103M	L38
D1	B1
D2	B1
E1	G1
E2	G1
E3	B9
E4	R22
E5	A38
E6	R14
E7	R28
E8	L7
E9	L29
E10	F11
E11	L2
E12	L22
F1	B38
F2	H37
RB1	A4
RB2	B5
RB3	B36
RB4	B38
RB5	C5
RB6	C7
RB7	C11
RB8	C36
RB9	E5
RB10	E26
RB11	E27
RB12	E29
RB13	E36
RB14	E37
RB15	F30
RB16	H26
RB17	H30
RB18	A29
RB19	B33
RB20	B32
SW101	B1
TP1	D1
TP2	E1
TP3	E1
TP4	E1
TP5	E1
TP6	E1
TP7	F1
TP11	K35
TP12	K36
TP14	F6
TP15	J27
TP21	K26
TP22	K27
TP23	K20
TP24	K21
TP30	J24
TP31	L17
TP32	L18
TP34	E3
TP35	J18
TP41	L6
TP42	L9
TP44	E3
TP45	R14
TP51	B33
TP52	E34
TP53	E29
TP54	B23
TP55	B23
TP56	A11
TP57	A13
TP58	D7
X1	A37

CI-01 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC A1	16	8
IC A2	16	8
IC A3	24	12
IC A4	24	12
IC A5	24	12
IC A7	24	12
IC A8	24	12
IC A9	24	12
IC A10	24	12
IC A11	20	10
IC A12	20	10
IC A14	16	8
IC A15	22	11
IC A16	22	11
IC A17	22	11
IC A18	22	11
IC A19	22	11
IC A21	22	11
IC A22	22	11
IC A23	22	11
IC A24	22	11
IC A25	22	11
IC A27	1,28	14
IC A29	1,28	14
IC A30	24	12
IC A31	24	12
IC A32	1,28	14
IC A33	20	10
IC A35	20	10
IC A38	26,40	20
IC B2	16	8
IC B3	16	8
IC B4	16	8
IC B5	16	8
IC B7	14	7
IC B8	14	7
IC B9	14	7
IC B10	14	7
IC B13	21	7
IC B14	16	8
IC B15	16	8
IC B16	20	10
IC B17	20	10
IC B18	16	8
IC B19	14	7
IC B21	16	8
IC B24	20	10
IC B25	20	10
IC B27	16	8
IC B28	16	8
IC B29	16	8
IC B30	14	7
IC B31	16	8
IC B32	16	8
IC B33	20	10
IC B35	20	10
IC B36	20	10
IC B37	24	12
IC C2	20	10
IC C4	20	10
IC C5	20	10
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IC C9	20	10
IC C10	16	8
IC C22	24	12
IC C36	14	7
IC C38	14	7
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IC D14	20	10
IC D15	20	10
IC D16	20	10
IC D17	20	10
IC D18	20	10
IC D19	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC D21	20	10
IC D24	14	7
IC D25	14	7
IC D27	16	8
IC D28	16	8
IC D29	20	10
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IC D32	24	12
IC D34	28	14
IC D35	20	10
IC D36	14	7
IC D37	20	10
IC E2	20	10
IC E3	16	8
IC E4	20	10
IC E7	1,28	14
IC E8	24	12
IC E9	24	12
IC E10	24	12
IC E11	20	10
IC E12	20	10
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IC E19	20	10
IC E21	20	10
IC E22	20	10
IC E23	20	10
IC E24	20	10
IC E25	20	10
IC E27	20	10
IC E28	20	10
IC E29	14	7
IC E30	14	7
IC E31	14	7
IC E32	14	7
IC E33	16	8
IC E35	14	7
IC E36	20	10
IC E37	20	10
IC F2	14	7
IC F3	16	8
IC F4	16	8
IC F7	20	10
IC F8	20	10
IC F9	20	10
IC F10	20	10
IC F11	22	11
IC F12	22	11
IC F14	16	8
IC F15	22	11
IC F16	22	11
IC F17	16	8
IC F18	20	10
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IC F28	14	7
IC F29	14	7
IC F30	14	7
IC F31	14	7
IC F32	20	10
IC F33	20	10
IC F34	20	10
IC G2	28	14
IC G3	28	14
IC G4	28	14
IC G6	28	14
IC G35	16	8
IC H2	20	10
IC H3	20	10

Ref. No.	Pin No. +5V	Pin No. GND
IC H4	20	10
IC H5	20	10
IC H7	20	10
IC H8	20	10
IC H9	20	10
IC H10	20	10
IC H11	20	10
IC H12	20	10
IC H14	20	10
IC H15	20	10
IC H16	20	10
IC H17	20	10
IC H18	14	7
IC H19	20	10
IC H21	20	10
IC H22	20	10
IC H23	20	10
IC H24	20	10
IC H25	20	10
IC H27	20	10
IC H28	14	7
IC H29	14	7
IC H30	14	7
IC H31	20	10
IC H32	20	10
IC H33	20	10
IC H34	20	10
IC H35	20	10
IC J2	16	8
IC J3	20	10
IC J4	20	10
IC J5	20	10
IC J10	24	12
IC J11	16	8
IC J13	20	10
IC J14	20	10
IC J19	24	12
IC J20	16	8
IC J21	20	10
IC J22	20	10
IC J23	20	10
IC J28	24	12
IC J29	16	8
IC J30	20	10
IC J31	20	10
IC J32	20	10
IC J37	24	12
IC K2	20	10
IC K3	28	14
IC K4	20	10
IC K5	20	10
IC K7	64,86, 114,132	53,75, 97,105, 106,123, 124
IC K10	24	12
IC K11	20	10
IC K12	28	14
IC K13	20	10
IC K14	20	10
IC K16	64,86, 114,132	53,75, 97,105, 106,123, 124
IC K19	24	12
IC K20	20	10
IC K21	28	14
IC K22	20	10
IC K23	20	10
IC K25	64,86, 114,132	53,75, 97,105, 106,123, 124,
IC K26	24	12
IC K29	20	10
IC K30	28	14

Ref. No.	Pin No. +5V	Pin No. GND
IC K31	20	10
IC K32	20	10
IC K35	64,86, 114,132	53,75, 97,105, 106,123, 124
IC K37	24	12
IC L2	14	7
IC L3	20	10
IC L4	16	8
IC L5	20	10
IC L6	20	10
IC L7	20	10
IC L8	20	10
IC L9	20	10
IC L10	14	7
IC L11	14	7
IC L12	20	10
IC L13	16	8
IC L14	20	10
IC L15	20	10
IC L16	20	10
IC L17	20	10
IC L18	20	10
IC L19	14	7
IC L20	14	7
IC L21	20	10
IC L22	16	8
IC L23	20	10
IC L24	20	10
IC L25	20	10
IC L26	20	10
IC L27	20	10
IC L28	14	7
IC L29	14	7
IC L30	20	10
IC L31	16	8
IC L32	20	10
IC L33	20	10
IC L34	20	10
IC L35	20	10
IC L36	20	10
IC L37	14	7

①CI-01 BOARD INPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

S1-1 ····· OFF

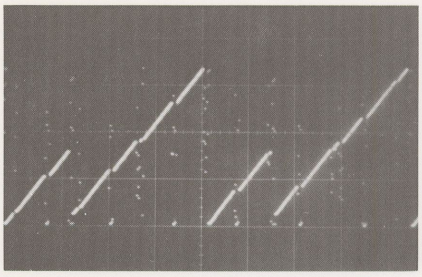
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)

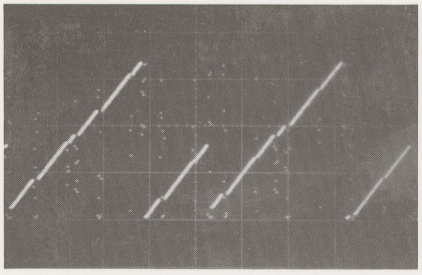
S1-4/SY-70A, B ···· ON

For other setting, refer to page B-2.

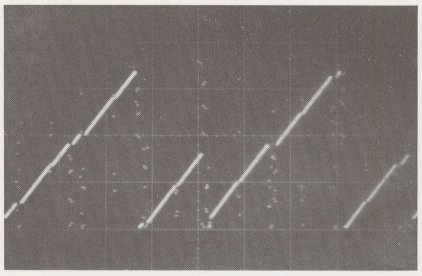
Channel-A; IC-L35/CI-01/Page B-362



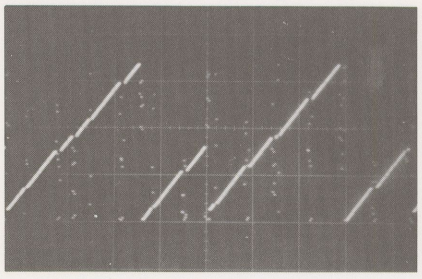
Channel-B; IC-L26/CI-01/Page B-363



Channel-C; IC-L17/CI-01/Page B-370



Channel-D; IC-L8/CI-01/Page B-371



②INNER DECODER INPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

S1-1 ····· OFF

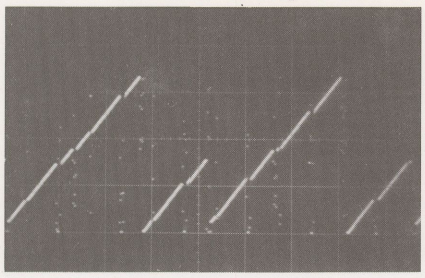
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)

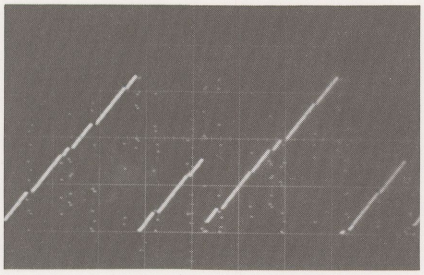
S1-4/SY-70A, B ···· ON

For other setting, refer to page B-2.

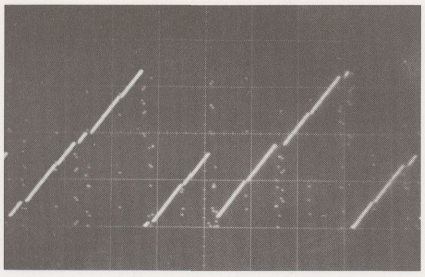
Channel-A; IC-J31/CI-01/Page B-362



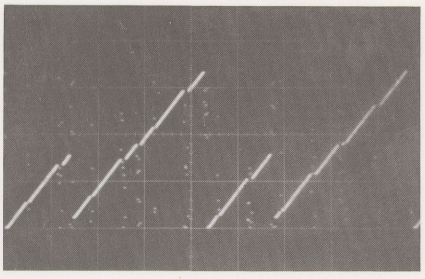
Channel-B; IC-J22/CI-01/Page B-364



Channel-C; IC-J13/CI-01/Page B-370



Channel-D; IC-J4/CI-01/Page B-372



③CI-01 BOARD OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

S1-1 ····· OFF

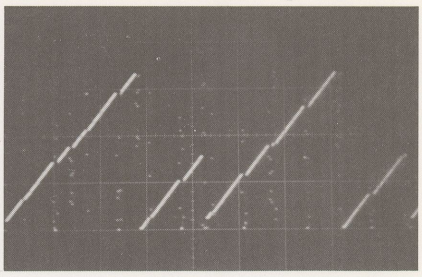
S1-2/3/4 ····· ON

Setting of Switshes/Jumpers (DVPC-1000)

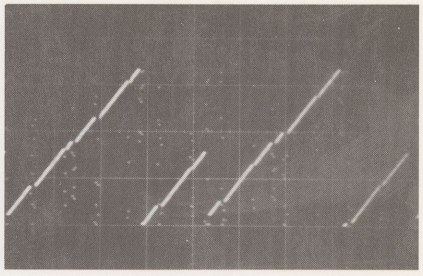
S1-4/SY-70A, B ···· ON

For other setting, refer to page B-2.

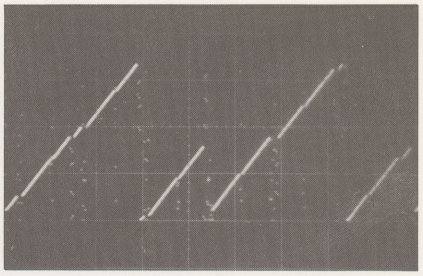
Channel-A; IC-F33/CI-01/Page B-378



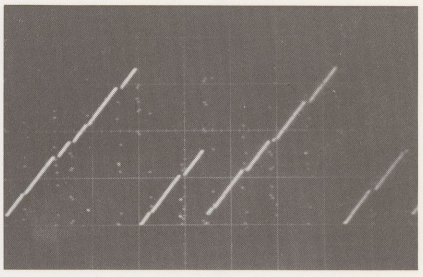
Channel-B; IC-F32/CI-01/Page B-378



Channel-C; IC-H33/CI-01/Page B-378



Channel-D; IC-H32/CI-01/Page B-378



①CI-01 BOARD INPUT DATA

Setting of Oscilloscope

10 μsec\div, 0.2 V\div

TRIG.: TP2\TG-28

Setting of ROVING DAC

SI-1 ..... OFF

SI-2\3\4 ..... ON

Setting of Switches\Jumpers (DVPC-1000)

SI-4\SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-A: IC-L25\CI-01\Page B-362

Channel-B: IC-L26\CI-01\Page B-363

Channel-C: IC-L17\CI-01\Page B-370

Channel-D: IC-L8\CI-01\Page B-371

②INNER DECODER INPUT DATA

Setting of Oscilloscope

10 μsec\div, 0.2 V\div

TRIG.: TP2\TG-28

Setting of ROVING DAC

SI-1 ..... OFF

SI-2\3\4 ..... ON

Setting of Switches\Jumpers (DVPC-1000)

SI-4\SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-A: IC-J31\CI-01\Page B-362

Channel-B: IC-J22\CI-01\Page B-364

Channel-C: IC-J13\CI-01\Page B-370

Channel-D: IC-J4\CI-01\Page B-372

③CI-01 BOARD OUTPUT DATA

Setting of Oscilloscope

10 μsec\div, 0.2 V\div

TRIG.: TP3\TG-28

Setting of ROVING DAC

SI-1 ..... OFF

SI-2\3\4 ..... ON

Setting of Switches\Jumpers (DVPC-1000)

SI-4\SY-70A, B .... ON

For other setting, refer to page B-2.

Channel-A: IC-F33\CI-01\Page B-378

Channel-B: IC-F23\CI-01\Page B-378

Channel-C: IC-H33\CI-01\Page B-378

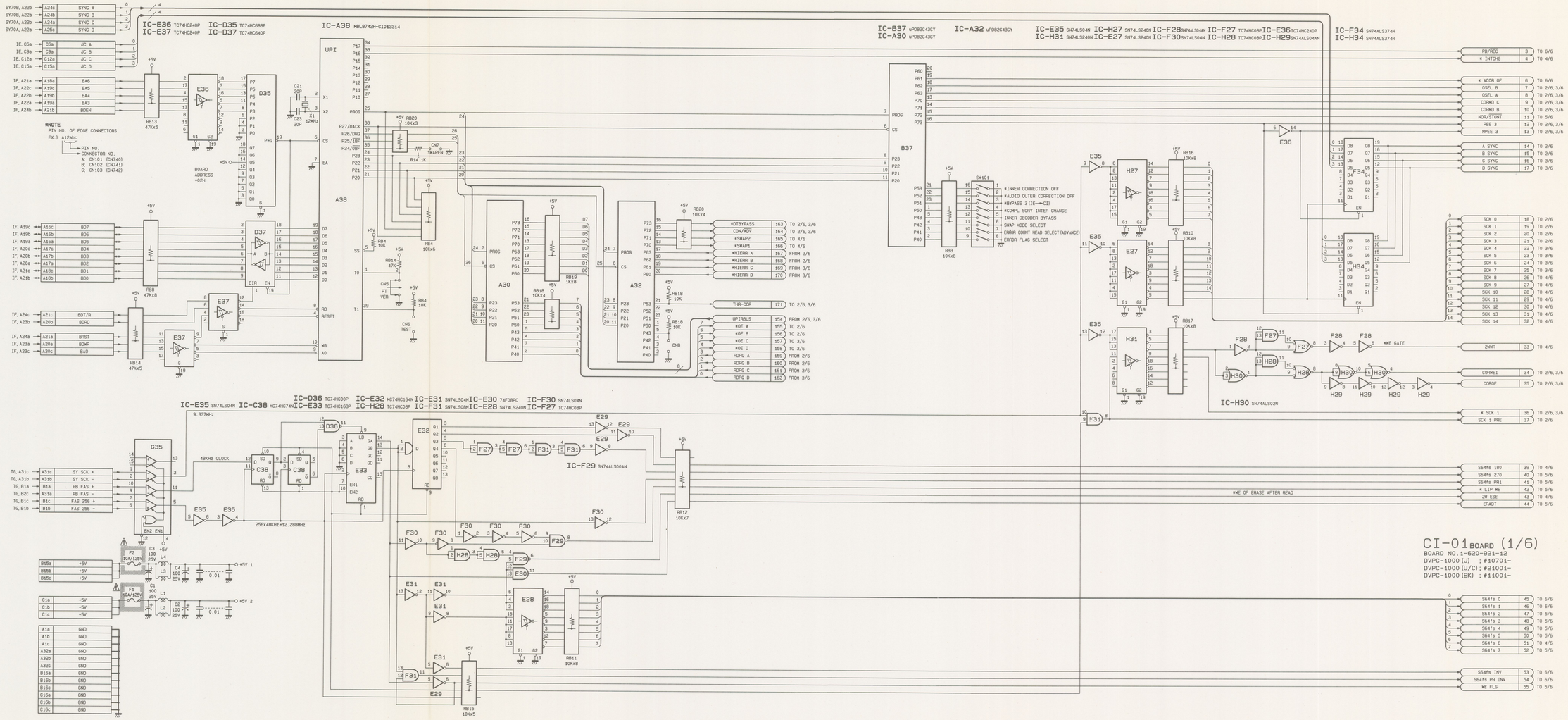
Channel-D: IC-H32\CI-01\Page B-378

CI-01 (1/6) BOARD CARD RACK
CARD RACK CI-01 (1/6) BOARD

CI-01 BOARD (1/6)

Inner Decoder

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

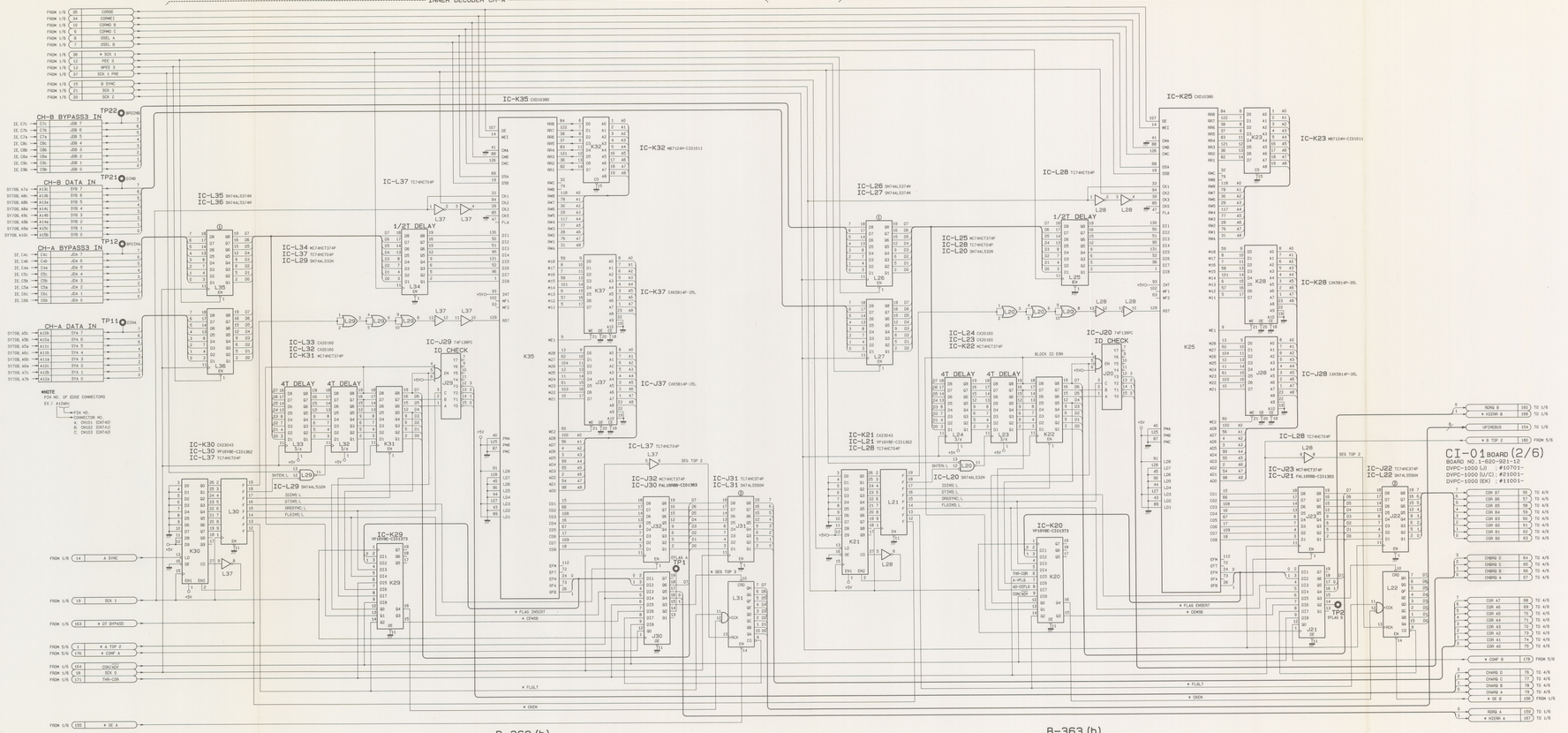


CARD RACK CI-01 (2/6) BOARD CI-01 (2/6) BOARD CARD RACK

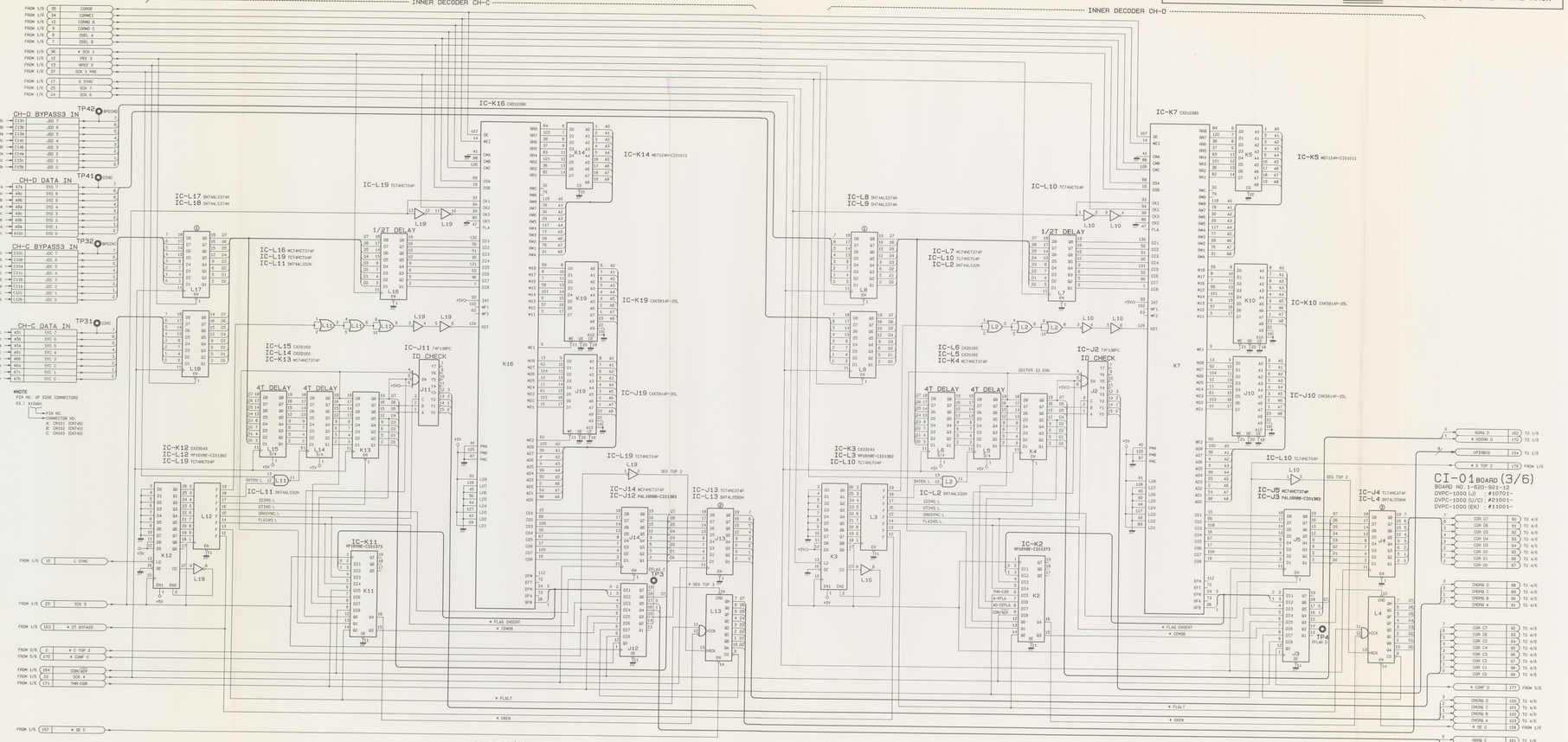
CI-01 BOARD (2/6)

Inner Decoder

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

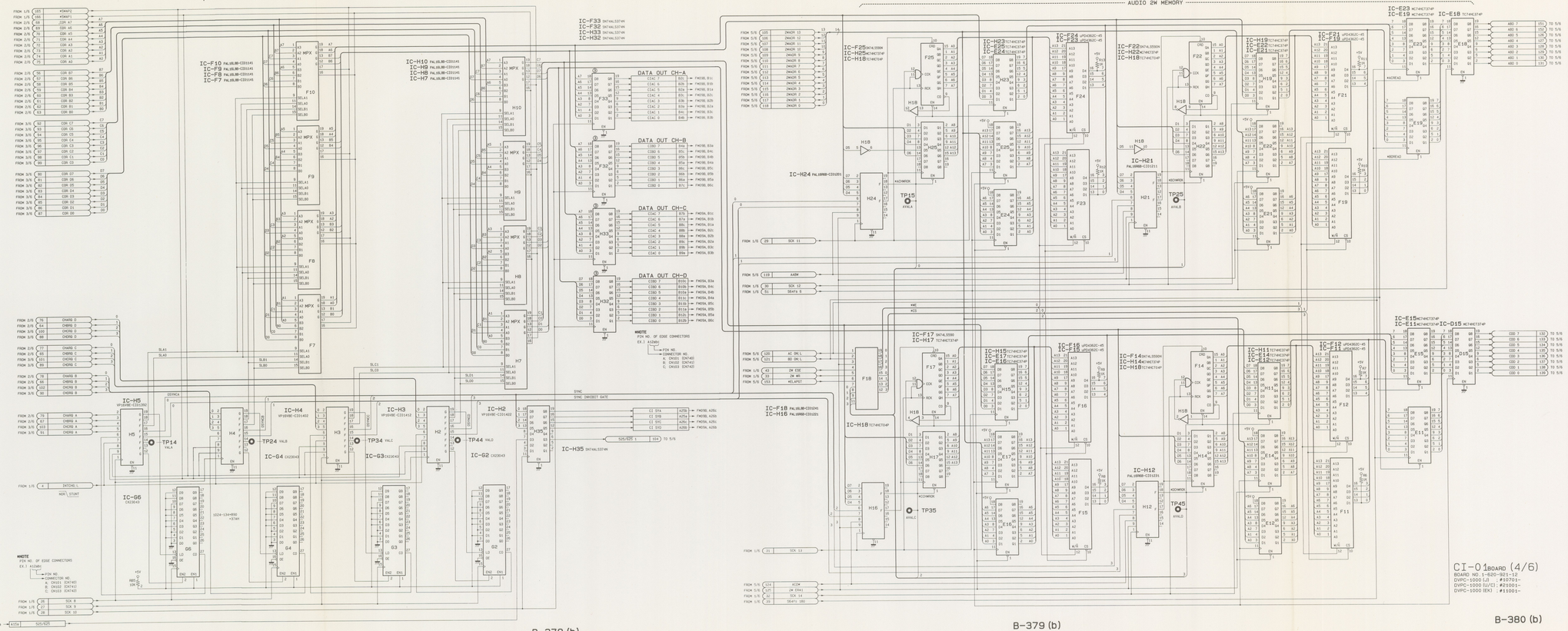


CI-01 BOARD (4/6)

Inner Decoder

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

CARD RACK CI-01 (4/6) BOARD CI-01 (4/6) BOARD CARD RACK



B-377 (b)

B-378 (b)

B-379 (b)

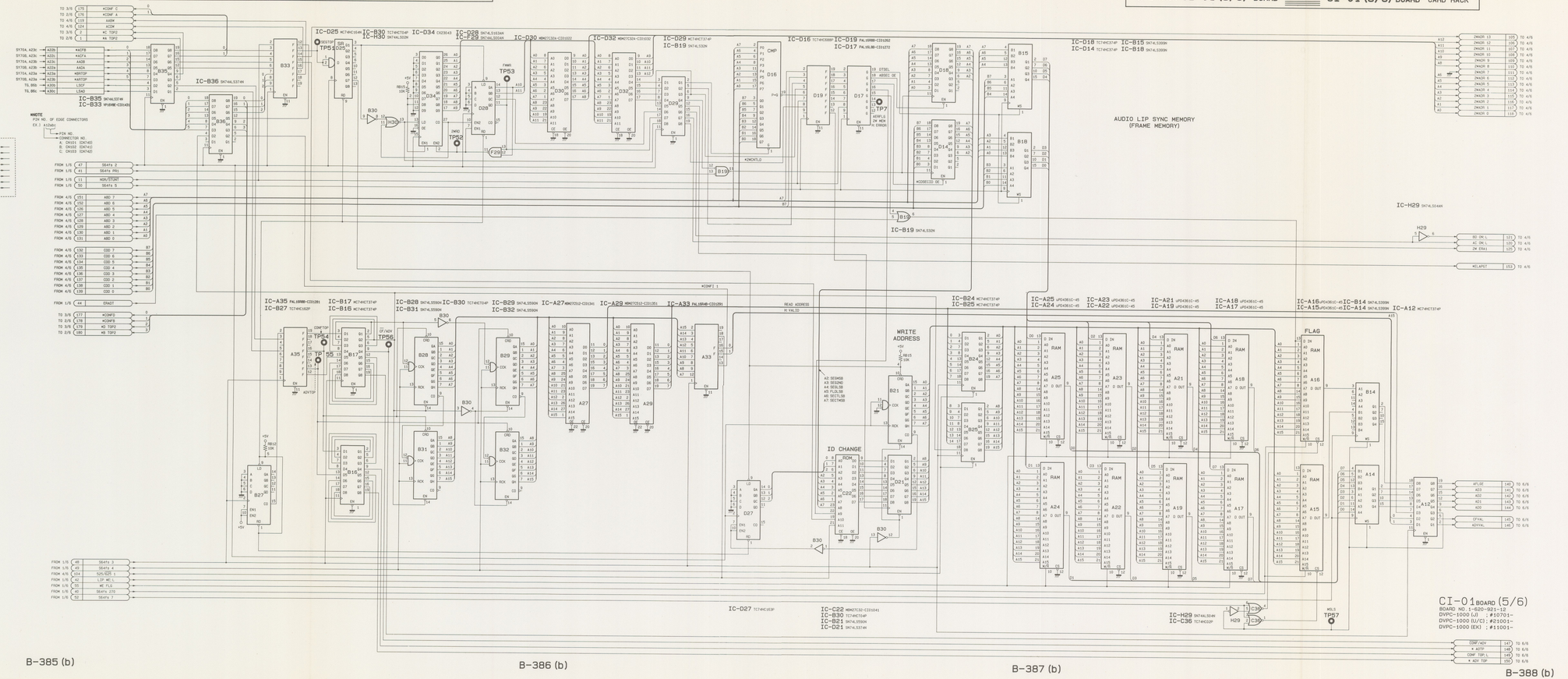
B-380 (b)

CARD RACK CI-01 (5/6) BOARD
CI-01 (5/6) BOARD CARD RACK

CI-01 BOARD (5/6)

Inner Decoder

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)



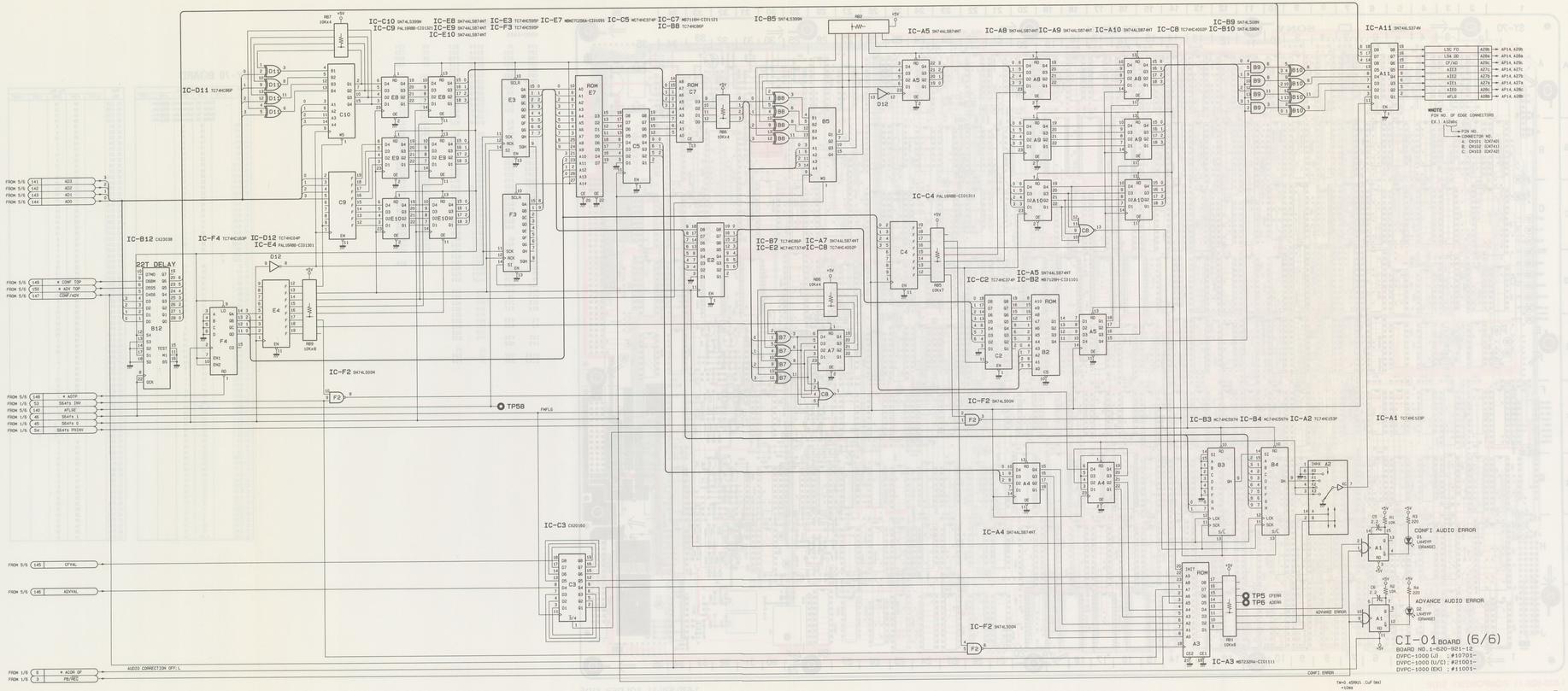
CARD RACK CI-01 (6/6) BOARD CI-01 (6/6) BOARD CARD RACK

CI-01 BOARD (6/6)

Inner Decoder

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

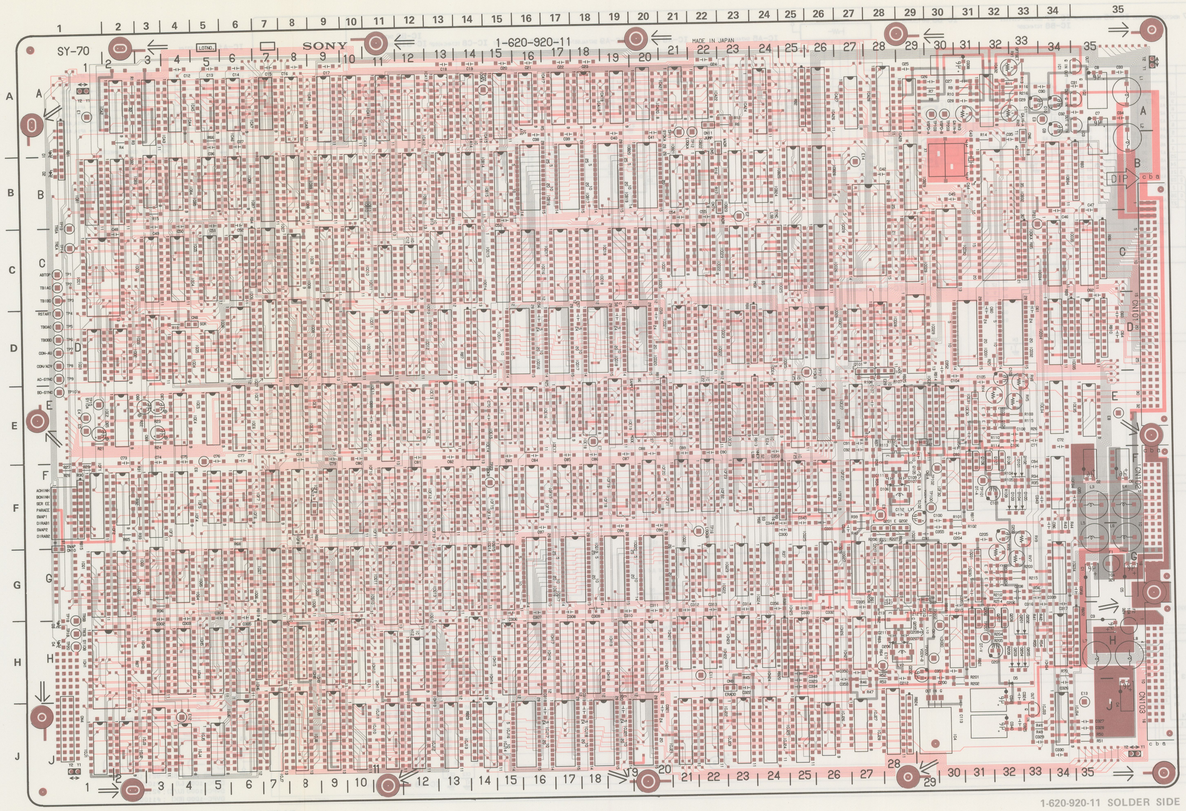
AUDIO OUTER CORRECTION



SY-70 BOARD (1-620-920-11)

Component Side

#10001 TO 11998 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



1-620-920-11 COMPONENT SIDE

1-620-920-11 SOLDER SIDE

SY-70 (1-620-920-11)

DVPC-1000

CN4	J1	Q103	E32	R4	C24
CN5	B22	Q104	F32	R5	C24
CN6	A33	Q105	F28	R6	E20
CN7	B22	Q106	F31	R7	E20
CN8	D4	Q107	F32		
CN9	H22	Q108	F32	TP1	C1
CN10	F1	Q201	F28	TP2	C1
CN11	A22	Q202	F28	TP3	C1
CN12	F8	Q203	G32	TP4	D1
CN101	C35	Q204	G32	TP5	D1
CN102	F35	Q205	H28	TP6	D1
CN103	H35	Q206	H31	TP7	D1
		Q207	H32	TP8	D1
D1	A1	Q208	H32	TP9	D1
D2	B1			TP10	E1
D3	H1	RB1	A1	TP11	A21
D4	H1	RB2	A25	TP12	A21
D5	H32	RB3	B15	TP13	B1
D101	F32	RB4	C6	TP14	C1
D102	F33	RB5	C33	TP15	E1
D103	F32	RB6	C35	TP16	F21
D104	F32	RB7	D14	TP17	D25
D105	F33	RB8	D24	TP18	B1
D106	F28	RB9	D14	TP19	B1
D107	F28	RB10	D35	TP20	H1
D201	B32	RB11	E20	TP21	C33
D202	B33	RB12	E22	TP22	A14
D203	B32	RB13	E24	TP23	F14
D204	B32	RB14	E30	TP100	F33
D205	H33	RB15	F1	TP101	F33
D206	H28	RB16	F24	TP102	F30
D207	H28	RB17	F31	TP103	A30
		RB18	G30	TP200	H29
E1	A1	RB19	H6	TP201	H31
E2	B23	RB20	H24	TP202	H30
E3	A34	RB21	H31	TP203	A30
E4	E1	RB22	H34		
E5	B5	RB23	J14	X1	B30
E6	E5	RB24	J28		
E7	E18	RB25	E28		
E9	F28	RB26	G28		
E10	H28				
E11	B23	RV1	A32		
E12	J4	RV2	A32		
E13	J15	RV3	A31		
E14	B27	RV4	E32		
		RV5	E32		
F1	G35	RV6	G32		
F2	H35	RV7	G32		
		RV8	E33		
LV1	F28	RV9	G33		
LV2	H28				
		S1	F1		
Q101	D27	S2	F24		
Q102	D28	S3	F24		

SY-70 BOARD

Ref. No.	Pin No. +12V	+5V	GND	-5V	-12V
IC 1	Refer to schematic diagram.				
IC 2	Refer to schematic diagram.				
IC 3	Refer to schematic diagram.				
IC 4	Refer to schematic diagram.				
IC A2	5	10			
IC A3	16	8			
IC A4	16	8			
IC A5	16	8			
IC A6	16	8			
IC A7	16	8			
IC A8	20	10			
IC A9	20	10			
IC A11	20	10			
IC A12	20	10			
IC A13	20	10			
IC A14	20	10			
IC A15	20	10			
IC A16	16	8			
IC A17	16	8			
IC A18	16	8			
IC A19	16	8			
IC A20	14	7			
IC A21	14	7			
IC A22	14	7			
IC A24	20	10			
IC A25	20	10			
IC A26	14	7			
IC A27				3	
IC A29	13			11	
IC A30	4				
IC B1	20	10			
IC B2	20	10			
IC B3	14	7			
IC B4	16	8			
IC B5	16	8			
IC B6	16	8			
IC B7	20	10			
IC B8	20	10			
IC B9	20	10			
IC B10	20	10			
IC B11	14	7			
IC B12	18	9			
IC B13	20	10			
IC B14	20	10			
IC B16	28	14			
IC B17	28	14			
IC B18	28	14			
IC B20	28	14			
IC B21	16	8			
IC B22	14	7			
IC B23	14	7			
IC B24	14	7			
IC B25	16	8			
IC B26	16	8			
IC B29	20	10			
IC B32	20,40	20			
IC B34	20	10			
IC C1	20	10			
IC C3	20	10			
IC C4	20	10			
IC C5	20	10			
IC C6	20	10			
IC C7	20	10			
IC C8	20	10			
IC C10	20	10			
IC C11	22	11			
IC C14	24	12			
IC C15	22	11			
IC C16	22	11			
IC C17	22	11			
IC C18	22	11			
IC C19	22	11			
IC C20	22	11			
IC C21	14	7			
IC C22	14	7			
IC C23	16	8			
IC C24	20	10			
IC C26	20	10			
IC C28	1,28	14			

Ref. No.	Pin No. +12V	+5V	GND	-5V	-12V
IC C29	20	10			
IC C30	24	12			
IC C34	20	10			
IC C35	20	10			
IC D1	16	8			
IC D2	16	8			
IC D3	20	10			
IC D4	14	7			
IC D5	14	7			
IC D6	22	11			
IC D7	18	7			
IC D8	18	12			
IC D9	18	7			
IC D10	20	10			
IC D11	20	10			
IC D12	20	10			
IC D13	20	10			
IC D14	28	14			
IC D15	28	14			
IC D16	28	14			
IC D17	28	14			
IC D18	28	14			
IC D19	28	14			
IC D20	28	14			
IC D21	20	10			
IC D22	20	10			
IC D23	16	8			
IC D24	16	8			
IC D25	14	7			
IC D26	14	7			
IC D27	16	8			
IC D28	20	10			
IC D29	24	12			
IC D31	28	14			
IC D32	28	14			
IC D34	20	10			
IC D35	20	10			
IC D36	16	8			
IC E4	16	8			
IC E6	20	10			
IC E7	20	10			
IC E8	20	10			
IC E9	20	10			
IC E10	20	10			
IC E11	18	7			
IC E12	16	8			
IC E13	20	10			
IC E14	16	8			
IC E15	16	8			
IC E17	14	7			
IC E18	14	7			
IC E19	20	10			
IC E20	16	8			
IC E21	20	10			
IC E22	16	8			
IC E23	16	8			
IC E24	16	8			
IC E25	16	8			
IC E26	16	8			
IC E27	14	7			
IC E28		1,16	8		
IC E29		1,16	8		
IC E30		1,16	8		
IC E31	8	5	1		
IC E34	14	7			
IC E35	16	8			
IC F2	16	8			
IC F3	20	10			
IC F4	16	8			
IC F5	16	8			
IC F6	16	8			
IC F7	16	8			
IC F8	20	10			
IC F9	20	10			
IC F10	20	10			
IC F11	20	10			
IC F12	20	10			
IC F13	20	10			
IC F14	20	10			
IC F15	20	10			
IC F16	16	8			

Ref. No.	Pin No. +12V	+5V	GND	-5V	-12V
IC F17	16	8			
IC F18	16	8			
IC F19	16	8			
IC F20	14	7			
IC F21	14	7			
IC F22	14	7			
IC F23	14	7			
IC F25	9	1,16		8	
IC F26		1,16		8	
IC F27		1,16		8	
IC F28		1,16		8	
IC F29		1,16		8	
IC F34		1,16		8	
IC G1	20	10			
IC G2	20	10			
IC G3	14	7			
IC G4	16	8			
IC G5	16	8			
IC G6	16	8			
IC G7	20	10			
IC G8	20	10			
IC G9	20	10			
IC G10	20	10			
IC G11	18	7			
IC G12	18	9			
IC G13	20	10			
IC G14	20	10			
IC G15	28	14			
IC G16	28	14			
IC G17	28	14			
IC G18	28	14			
IC G19	28	14			
IC G20	28	14			
IC G21	16	8			
IC G22	14	7			
IC G23	14	7			
IC G24	14	7			
IC G25		1,16	8		
IC G26	14	7			
IC G27		7			
IC G28		1,16		8	
IC G29		1,16		8	
IC G30		1,16		8	
IC G31	8	5	1		
IC G34	9	10			
IC H1	20	10			
IC H2	20	10			
IC H4	20	10			
IC H5	20	10			
IC H6	20	10			
IC H7	20	10			
IC H8	20	10			
IC H9	20	10			
IC H10	20	10			
IC H12	24	12			
IC H13	22	11			
IC H14	22	11			
IC H15	22	11			
IC H16	22	11			
IC H17	22	11			
IC H18	22	11			
IC H19	22	11			
IC H20	22	11			
IC H21	14	7			
IC H22	14	7			
IC H23	14	7			
IC H24	14	7			
IC H25	9	1,16		8	
IC H26		1,16		8	
IC H27		1,16		8	
IC H32		1,16		8	
IC H34		1,16		8	
IC J1	16	8			
IC J2	16	8			
IC J3	20	10			
IC J4	14	7			
IC J5	14	7			
IC J6	22	11			
IC J7	20	10			
IC J8	24	12			
IC J9	14	7			
IC J10	20	10			
IC J11	20	10			

Ref. No.	Pin No. +12V	+5V	GND	-5V	-12V
IC J12	20	10			
IC J13	20	10			
IC J14	20	10			
IC J15	28	14			
IC J16	28	14			
IC J17	28	14			
IC J18	28	14			
IC J19	28	14			
IC J21	20	10			
IC J22	20	10			
IC J23	20	10			
IC J24	20	10			
IC J25	16	8			
IC J26	16	8			
IC J27	14	7			
IC J28	20	10			
IC J29	Refer to schematic diagram.				
IC J34		1,16	8		

①SY-70A BYPASS-2 INPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

S1-1/3/4 ····· ON

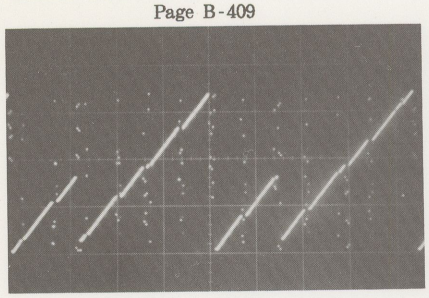
S1-2 ····· OFF

Setting of Switches/Jumpers (DVPC-1000)

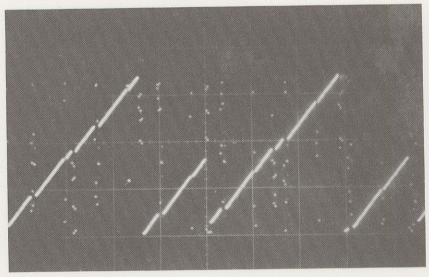
S1-4/SY-70A, B···· ON

For other setting, refer to page B-2.

Channel-C (A); IC-D21/SY-70A (B)/ Page B-409



Channel-D (B); IC-J21/SY-70A (B)/ Page B-409



②TBC OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.; TP3/TG-28

Setting of ROVING DAC

S1-1/3/4 ····· ON

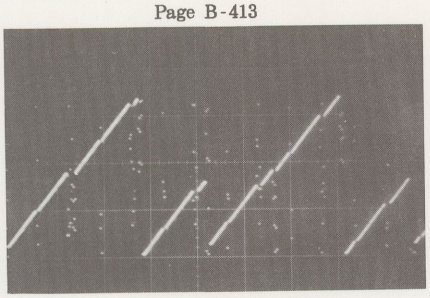
S1-2 ····· OFF

Setting of Switches/Jumpers (DVPC-1000)

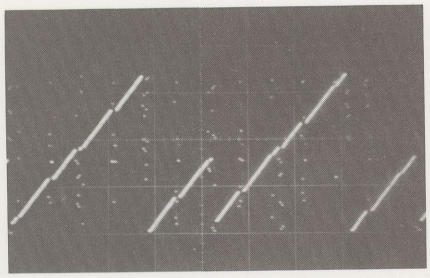
S1-4/SY-70A, B···· ON

For other setting, refer to page B-2.

Channel-C (A); IC-D14/SY-70A (B)/ Page B-413



Channel-D (B); IC-J14/SY-70A (B)/ Page B-421



③SY-70A BOARD OUTPUT DATA

Setting of Oscilloscope

10 μsec/div, 0.2 V/div

TRIG.;TP3/TG-28

Setting of ROVING DAC

S1-1 ····· OFF

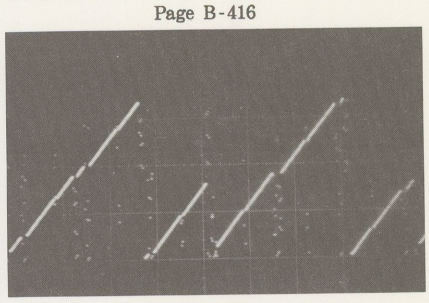
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)

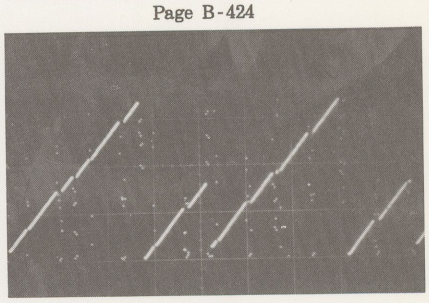
S1-4/SY-70A, B···· ON

For other setting, refer to page B-2.

Channel-C (A); IC-C7/SY-70A (B)/ Page B-416



Channel-D (B); IC-H7/SY-70A (B)/ Page B-424

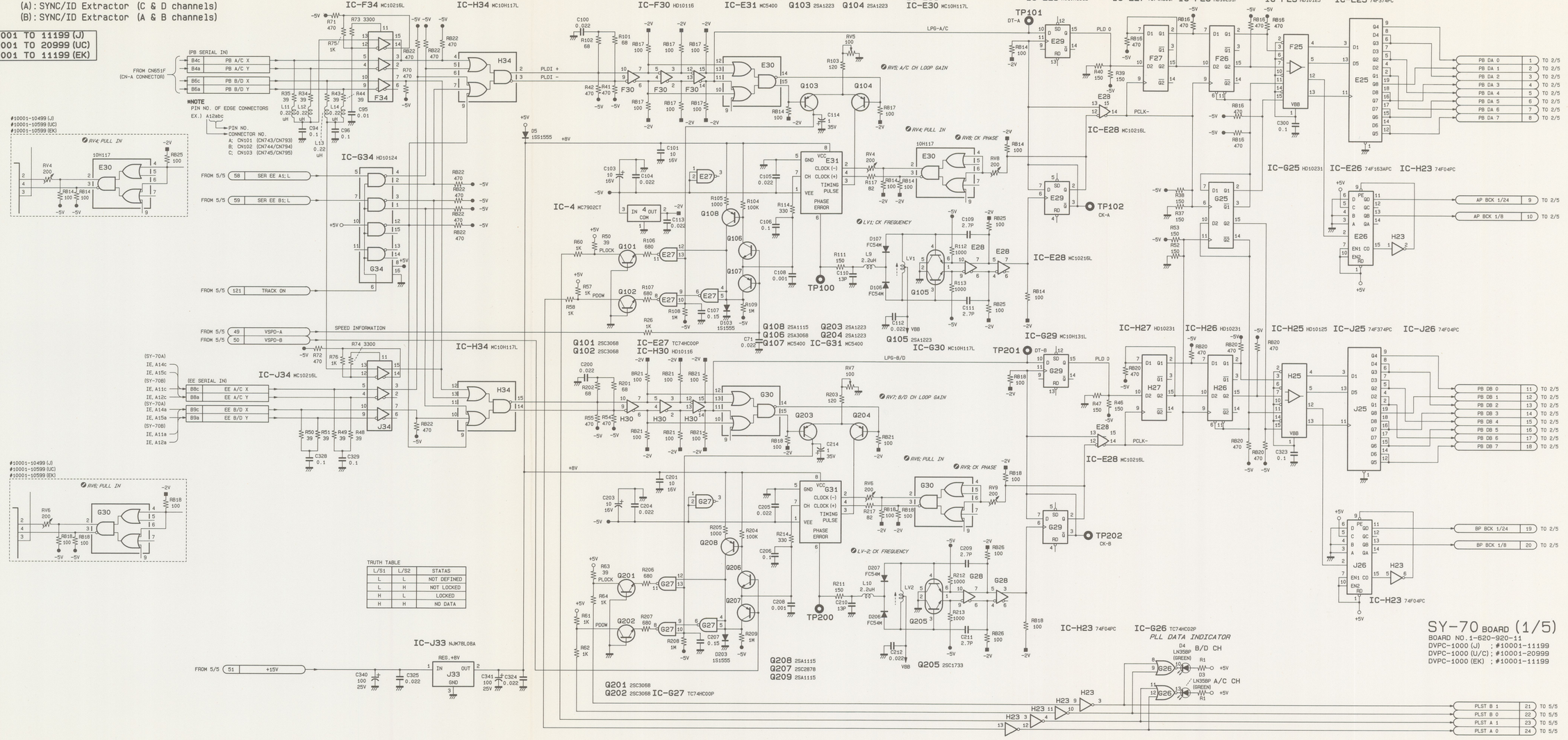


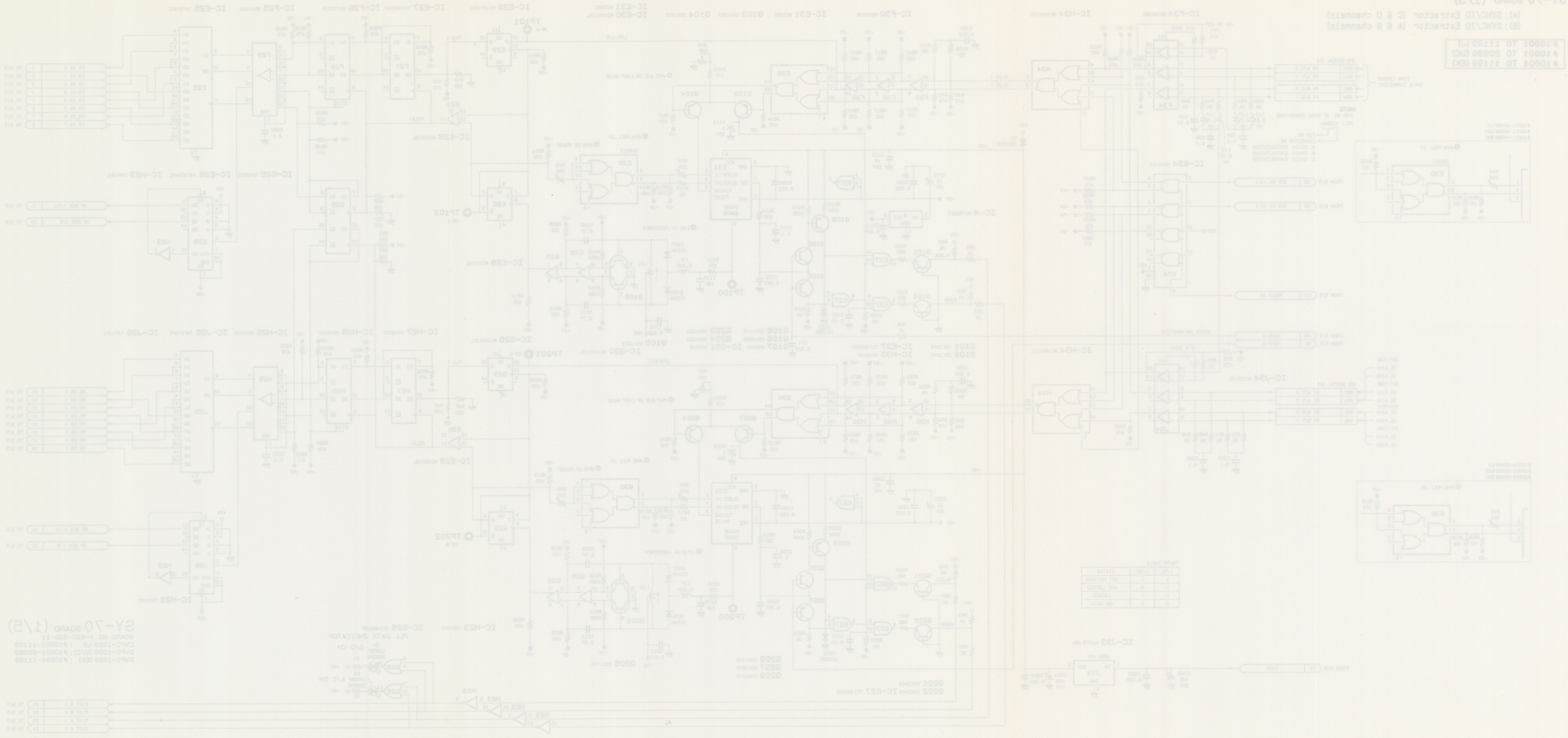
SY-70 (1/5) BOARD CARD RACK
CARD RACK SY-70 (1/5) BOARD

SY-70 BOARD (1/5)

(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)





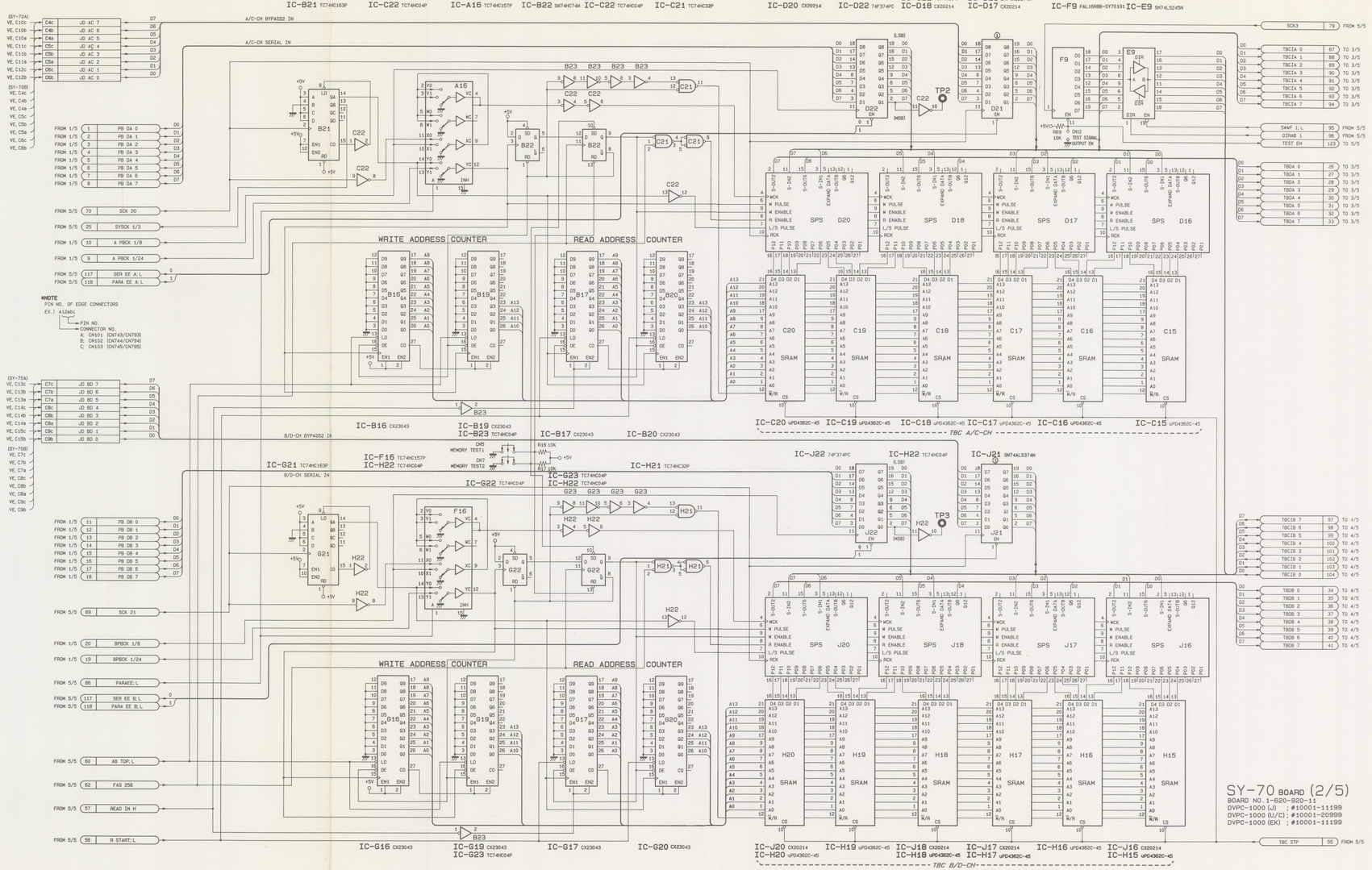
SY-70 (2/5) BOARD CARD RACK

CARD RACK SY-70 (2/5) BOARD

SY-70 BOARD (2/5)

(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



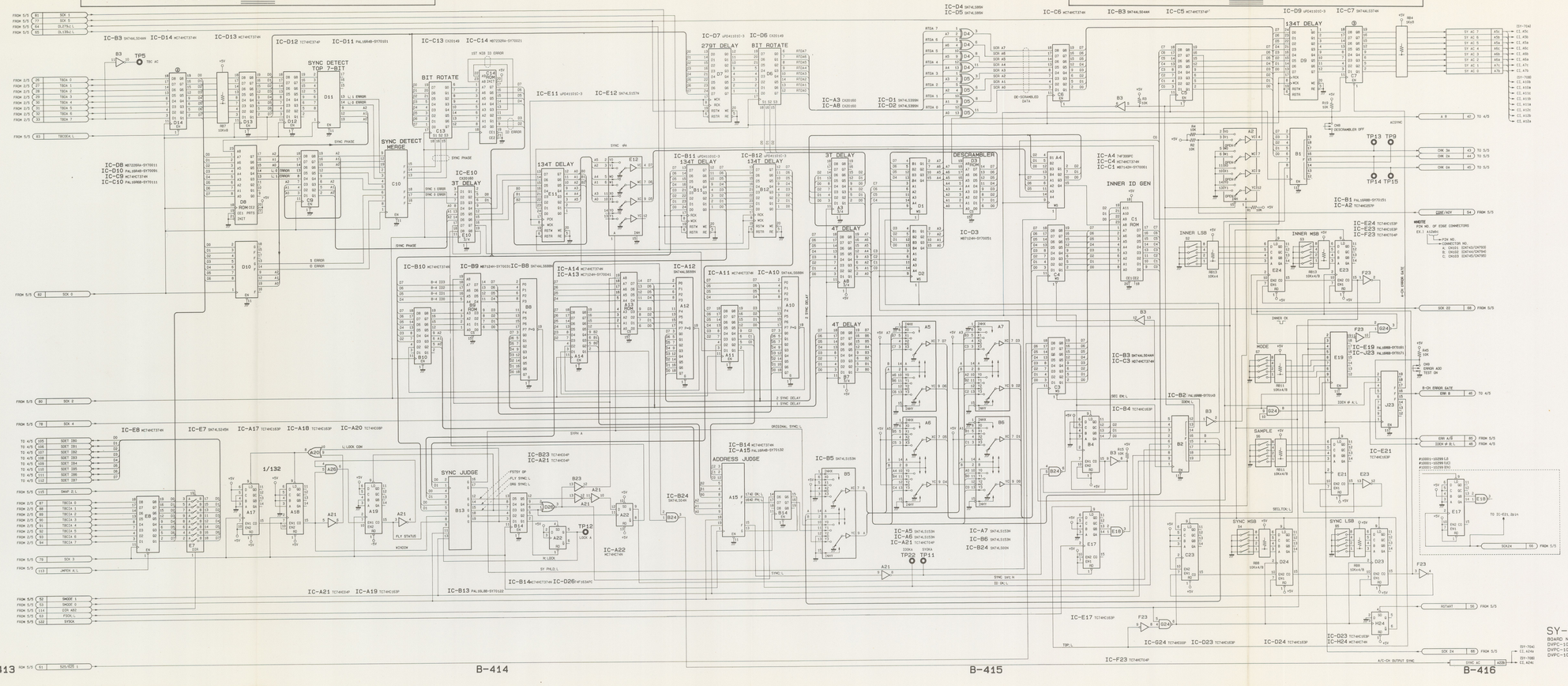
WRITE ADDRESS COUNTER
READ ADDRESS COUNTER
WRITE ADDRESS COUNTER
READ ADDRESS COUNTER

CARD RACK SY-70 (3/5) BOARD SY-70 (3/5) BOARD CARD RACK

SY-70 BOARD (3/5)

(A) : SYNC/ID Extractor (C & D channels)
(B) : SYNC/ID Extractor (A & B channels)

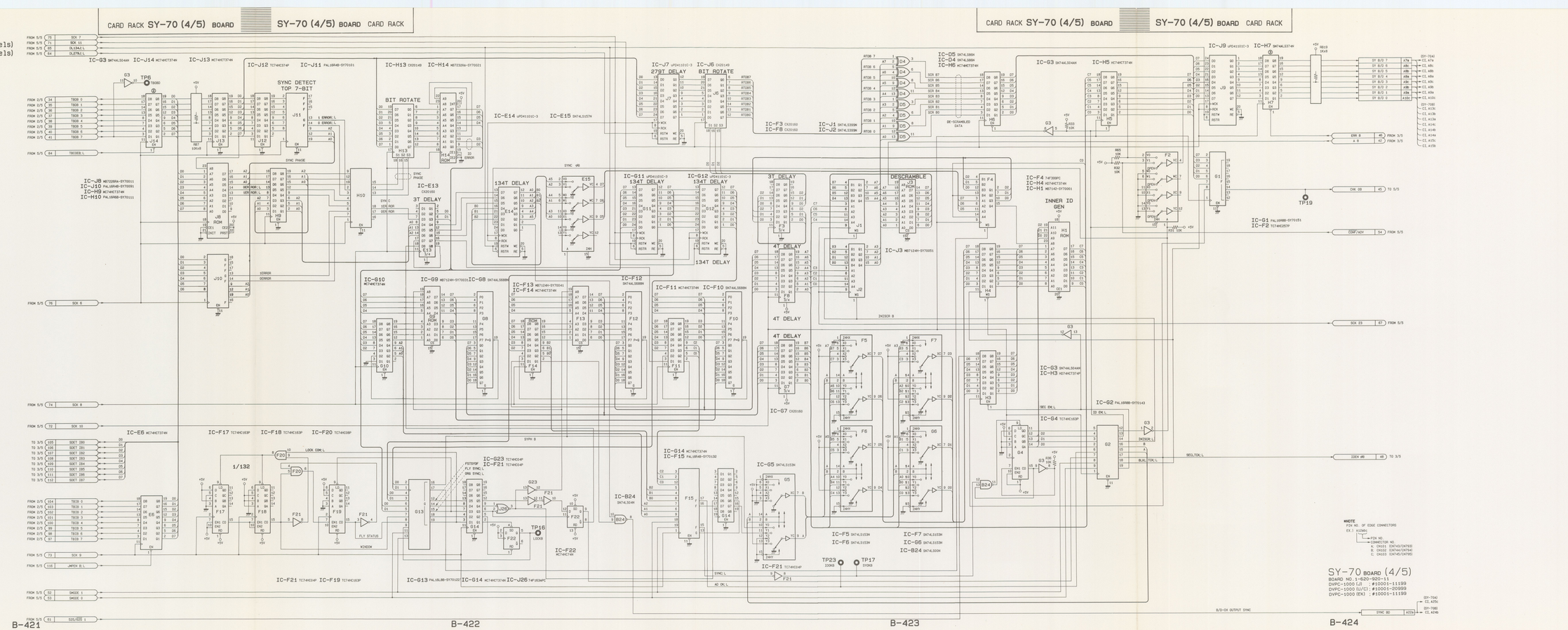
#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)


SYNC DETECT TOP 7-BIT
SYNC DETECT MERGE
BIT ROTATE
279T DELAY
BIT ROTATE
134T DELAY
3T DELAY
4T DELAY
DESCRAMBLER
INNER ID GEN
SYNC JUDGE
ADDRESS JUDGE
134T DELAY
INNER LSB
INNER MSB
SYNC MSB
SYNC LSB
MODE
SAMPLE
SEL TOL L
SYNC AC
SYNC DC
SYNC AD
SYNC DD
SYNC AE
SYNC DE
SYNC AF
SYNC DF
SYNC AG
SYNC DG
SYNC AH
SYNC DH
SYNC AA
SYNC DA
SYNC AB
SYNC DB

SY-70 BOARD (4/5)

(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



WHITE
PIN NO. OF EDGE CONNECTORS
EX.) A10B0
A : PIN NO.
B : CONNECTOR NO.
A: CN101 (SN74ALS04AN)
B: CN102 (SN74AL04AN)
C: CN103 (SN74ALS04AN)

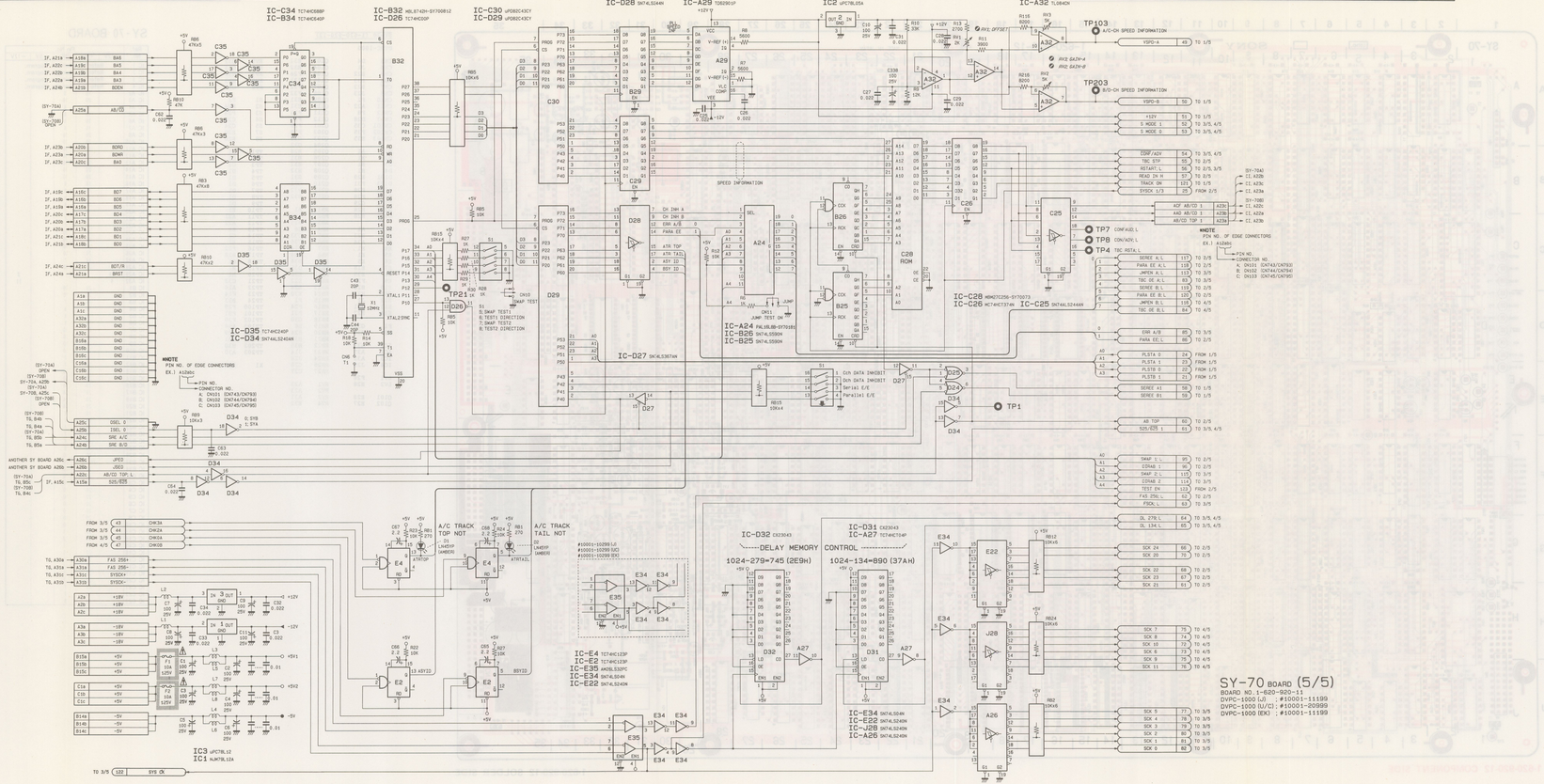
SY-70 BOARD (4/5)
BOARD NO. 1-520-920-11
DVPC-1000 (J) : #10001-11199
DVPC-1000 (U/C) : #10001-20999
DVPC-1000 (EK) : #10001-11199

CARD RACK SY-70 (5/5) BOARD SY-70 (5/5) BOARD CARD RACK

SY-70 BOARD (5/5)

(A) : SYNC/ID Extractor (C & D channels)
(B) : SYNC/ID Extractor (A & B channels)

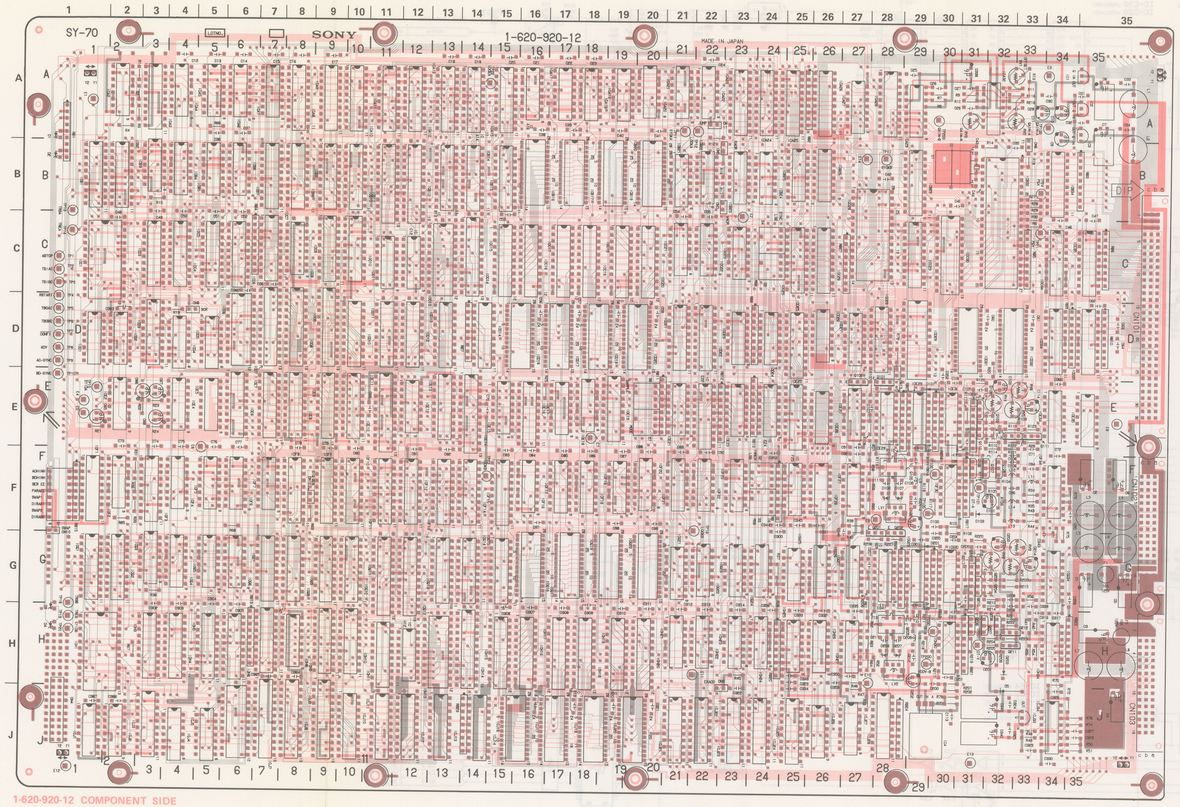
#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



SY-70 BOARD (1-620-920-12)

Component Side

11201 & UP (J)
21001 & UP (UC)
11201 & UP (EK)



1-620-920-12 COMPONENT SIDE

B-397 (a)

B-398 (a)

1-620-920-12 SOLDER SIDE

CARD RACK SY-70 BOARD SY-70 BOARD CARD RACK

SY-70 (1-620-920-12)

DVPC-1000

CN3	D4	Q103	E32	RV5	E32
CN4	J1	Q104	E32	RV6	G33
CN5	B22	Q105	F28	RV7	E32
CN6	B33	Q106	F31	RV8	E33
CN7	B22	Q107	F32	RV9	G33
CN8	J23	Q108	F32		
CN10	F1	Q109	E31	S1	F1
CN11	A22	Q110	E31	S2	F24
CN12	F8	Q111	F33	S3	F24
CN13	D28	Q112	F32	S4	C24
CN101	F35	Q201	F28	S5	C24
CN102	F35	Q202	F28	S7	E20
CN103	H35	Q203	G32	S8	E20
		Q204	G32		
D1	A1	Q205	E28	TP1	C1
D2	B1	Q206	E28	TP2	C1
D3	H1	Q207	H32	TP3	C1
D4	H1	Q209	H32	TP4	D1
D101	E29	Q209	G31	TP5	D1
D103	F31	Q210	G31	TP6	D1
D107	F28	Q211	H32	TP7	D1
D108	F28	Q212	H32	TP8	D1
D201	G29			TP9	D1
D207	H28	RB1	A1	TP10	B1
D208	H28	RB2	A25	TP11	A21
		RB3	B35	TP12	A22
E1	A1	RB4	C6	TP13	B1
E2	B23	RB5	C33	TP14	C1
E3	A34	RB6	C35	TP15	E1
E4	E1	RB7	D14	TP16	F22
E5	E1	RB8	D24	TP17	B28
E6	E5	RB9	D34	TP18	G1
E7	E18	RB10	D35	TP19	H1
E8	E35	RB11	E20	TP20	H1
E9	F28	RB12	E22	TP21	C33
E10	H28	RB13	E24	TP22	A14
E11	H22	RB14	E30	TP23	F14
E12	J1	RB15	F1	TP24	B33
E13	J31	RB16	F24	TP100	F29
E14	B27	RB17	F31	TP101	F31
		RB18	G30	TP102	F30
F1	G35	RB19	H6	TP103	A34
F2	H35	RB20	B24	TP200	B29
		RB21	B31	TP201	B31
IC1	A35	RB22	B35	TP202	B30
IC2	A35	RB23	J14	TP203	A30
IC3	A35	RB24	J28		
IC4	J29	RB26	G28	X1	B31
		RB27	C27		
LV1	F28				
LV2	B28	RV1	A23		
		RV2	A23		
Q101	E28	RV3	A31		
Q102	E27	RV4	E32		

SY-70 BOARD

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC 1	Refer to schematic diagram.				
IC 2	Refer to schematic diagram.				
IC 3	Refer to schematic diagram.				
IC 4	Refer to schematic diagram.				
IC A2	16	8			
IC A3	20	10			
IC A4	16	8			
IC A5	16	8			
IC A6	16	8			
IC A7	16	8			
IC A8	20	10			
IC A10	20	10			
IC A11	20	10			
IC A12	20	10			
IC A13	20	10			
IC A14	20	10			
IC A15	20	10			
IC A16	16	8			
IC A17	16	8			
IC A18	16	8			
IC A19	16	8			
IC A20	14	7			
IC A21	14	7			
IC A22	14	7			
IC A23	20	10			
IC A24	20	10			
IC A25	20	10			
IC A26	20	10			
IC A27	14	7			
IC A28	20	10			
IC A29	13			3	
IC A32	4			11	
IC B1	20	10			
IC B2	20	10			
IC B3	14	7			
IC B4	16	8			
IC B5	16	8			
IC B6	16	8			
IC B7	20	10			
IC B8	20	10			
IC B9	20	10			
IC B10	20	10			
IC B11	18	7			
IC B12	18	7			
IC B13	20	10			
IC B14	20	10			
IC B16	28	14			
IC B17	28	14			
IC B19	28	14			
IC B20	28	14			
IC B21	14	7			
IC B22	14	7			
IC B23	14	7			
IC B24	14	7			
IC B25	16	8			
IC B26	16	8			
IC B29	20	10			
IC B32	26,40	20			
IC B34	20	10			
IC C1	20	10			
IC C3	20	10			
IC C4	20	10			
IC C5	20	10			
IC C6	20	10			
IC C7	20	10			
IC C9	20	10			
IC C10	20	10			
IC C13	22	11			
IC C14	24	12			
IC C15	22	11			
IC C16	22	11			
IC C17	22	11			
IC C18	22	11			
IC C19	22	11			
IC C20	22	11			
IC C21	14	7			
IC C22	14	7			
IC C23	16	8			

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC C25	20	10			
IC C26	20	10			
IC C28	1, 28	14			
IC C29	20	10			
IC C30	24	12			
IC C34	20	10			
IC C35	20	10			
IC D1	16	8			
IC D2	16	8			
IC D3	20	10			
IC D4	14	7			
IC D5	14	7			
IC D6	22	11			
IC D7	18	7			
IC D8	24	12			
IC D9	18	7			
IC D10	20	10			
IC D11	20	10			
IC D12	20	10			
IC D13	20	10			
IC D14	20	10			
IC D16	28	14			
IC D17	28	14			
IC D18	28	14			
IC D20	28	14			
IC D21	20	10			
IC D22	20	10			
IC D23	16	8			
IC D24	16	8			
IC D25	20	10			
IC D26	14	7			
IC D27	16	8			
IC D28	20	10			
IC D29	24	12			
IC D31	28	14			
IC D32	28	14			
IC D34	20	10			
IC D35	20	10			
IC E2	16	8			
IC E4	16	8			
IC E6	20	10			
IC E7	20	10			
IC E8	20	10			
IC E9	20	10			
IC E10	20	10			
IC E11	18	7			
IC E12	16	8			
IC E13	20	10			
IC E14	18	7			
IC E15	16	8			
IC E16	16	8			
IC E18	14	7			
IC E19	20	10			
IC E21	16	8			
IC E22	20	10			
IC E23	16	8			
IC E24	16	8			
IC E25	20	10			
IC E26	16	8			
IC E27	14	7			
IC E28		1, 16	8		
IC E29		1, 16	8		
IC E30		1, 16	8		
IC E31	8	5	1		
IC E34	14	7			
IC E35	16	8			
IC F2	16	8			
IC F3	20	10			
IC F4	16	8			
IC F5	16	8			
IC F6	16	8			
IC F7	16	8			
IC F8	20	10			
IC F9	20	10			
IC F10	20	10			
IC F11	20	10			
IC F12	20	10			
IC F13	20	10			

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC F14	20	10			
IC F15	20	10			
IC F16	16	8			
IC F17	16	8			
IC F18	16	8			
IC F19	16	8			
IC F20	14	7			
IC F21	14	7			
IC F22	14	7			
IC F23	14	7			
IC F25	9	1, 16	8		
IC F26		1, 16	8		
IC F27		1, 16	8		
IC F30		1, 16	8		
IC F34		1, 16	8		
IC G1	20	10			
IC G2	20	10			
IC G3	14	7			
IC G4	16	8			
IC G5	16	8			
IC G6	16	8			
IC G7	20	10			
IC G8	20	10			
IC G9	20	10			
IC G10	20	10			
IC G11	18	7			
IC G12	18	7			
IC G13	20	10			
IC G14	20	10			
IC G16	28	14			
IC G17	28	14			
IC G19	28	14			
IC G20	28	14			
IC G21	16	8			
IC G22	14	7			
IC G23	14	7			
IC G24	14	7			
IC G25		1, 16	8		
IC G26	14	7			
IC G27	14	7			
IC G28		1, 16	8		
IC G29		1, 16	8		
IC G30		1, 16	8		
IC G31	8	5	1		
IC G34	9	16	8		
IC H1	20	10			
IC H3	20	10			
IC H4	20	10			
IC H5	20	10			
IC H6	20	10			
IC H7	20	10			
IC H8	20	10			
IC H10	20	10			
IC H13	22	11			
IC H14	24	12			
IC H15	22	11			
IC H16	22	11			
IC H17	22	11			
IC H18	22	11			
IC H19	22	11			
IC H20	22	11			
IC H21	14	7			
IC H22	14	7			
IC H23	14	7			
IC H24	14	7			
IC H25	9	1, 16	8		
IC H26		1, 16	8		
IC H27		1, 16	8		
IC H30		1, 16	8		
IC H34		1, 16	8		
IC J1	16	8			
IC J2	16	8			
IC J3	20	10			
IC J4	14	7			
IC J5	14	7			
IC J6	22	11			
IC J7	18	7			
IC J8	24	12			

Ref. No.	Pin No. +12V	+5V	GND	−5V	−12V
IC J9	18	7			
IC J10	20	10			
IC J11	20	10			
IC J12	20	10			
IC J13	20	10			
IC J14	20	10			
IC J16	28	14			
IC J17	28	14			
IC J18	28	14			
IC J20	28	14			
IC J21	20	10			
IC J22	20	10			
IC J24	20	10			
IC J25	28	10			
IC J26	16	8			
IC J27	14	7			
IC J28	20	10			
IC J33	Refer to schematic diagram.				
IC J34	1, 16	8			

SY-70 (−12)
DVPC-1000

B-399 (a)

B-400 (a)

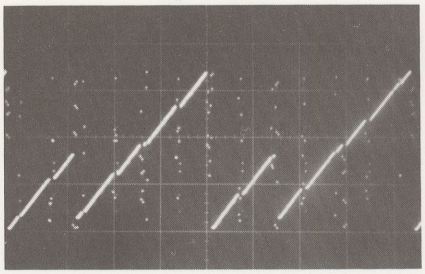
①SY-70A BYPASS-2 INPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

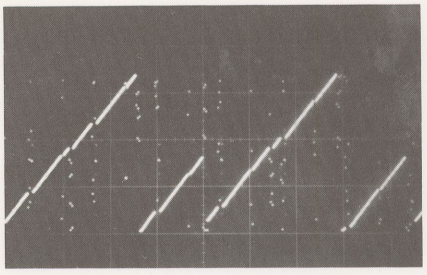
Setting of ROVING DAC
S1-1/3/4 ····· ON
S1-2 ····· OFF

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B···· ON
For other setting, refer to page B-2.

Channel-C (A); IC-D21/SY-70A (B)/
Page B-409



Channel-D (B); IC-J21/SY-70A (B)/
Page B-409



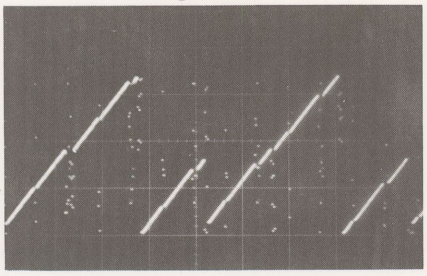
②TBC OUTPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.; TP3/TG-28

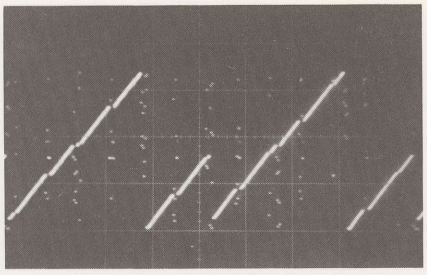
Setting of ROVING DAC
S1-1/3/4 ····· ON
S1-2 ····· OFF

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B···· ON
For other setting, refer to page B-2.

Channel-C (A); IC-D14/SY-70A (B)/
Page B-413



Channel-D (B); IC-J14/SY-70A (B)/
Page B-421



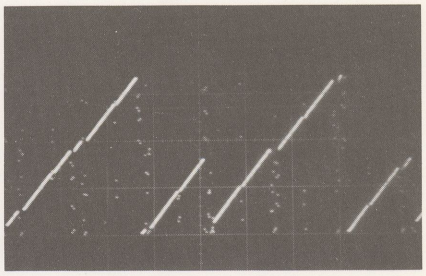
③SY-70A BOARD OUTPUT DATA

Setting of Oscilloscope
10 μsec/div, 0.2 V/div
TRIG.;TP3/TG-28

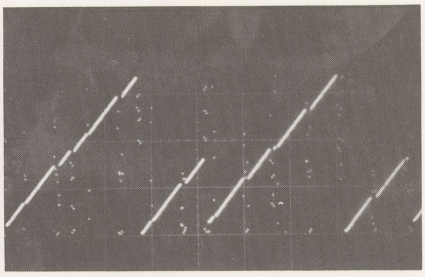
Setting of ROVING DAC
S1-1 ····· OFF
S1-2/3/4 ····· ON

Setting of Switches/Jumpers (DVPC-1000)
S1-4/SY-70A, B···· ON
For other setting, refer to page B-2.

Channel-C (A); IC-C7/SY-70A (B)/
Page B-416



Channel-D (B); IC-H7/SY-70A (B)/
Page B-424



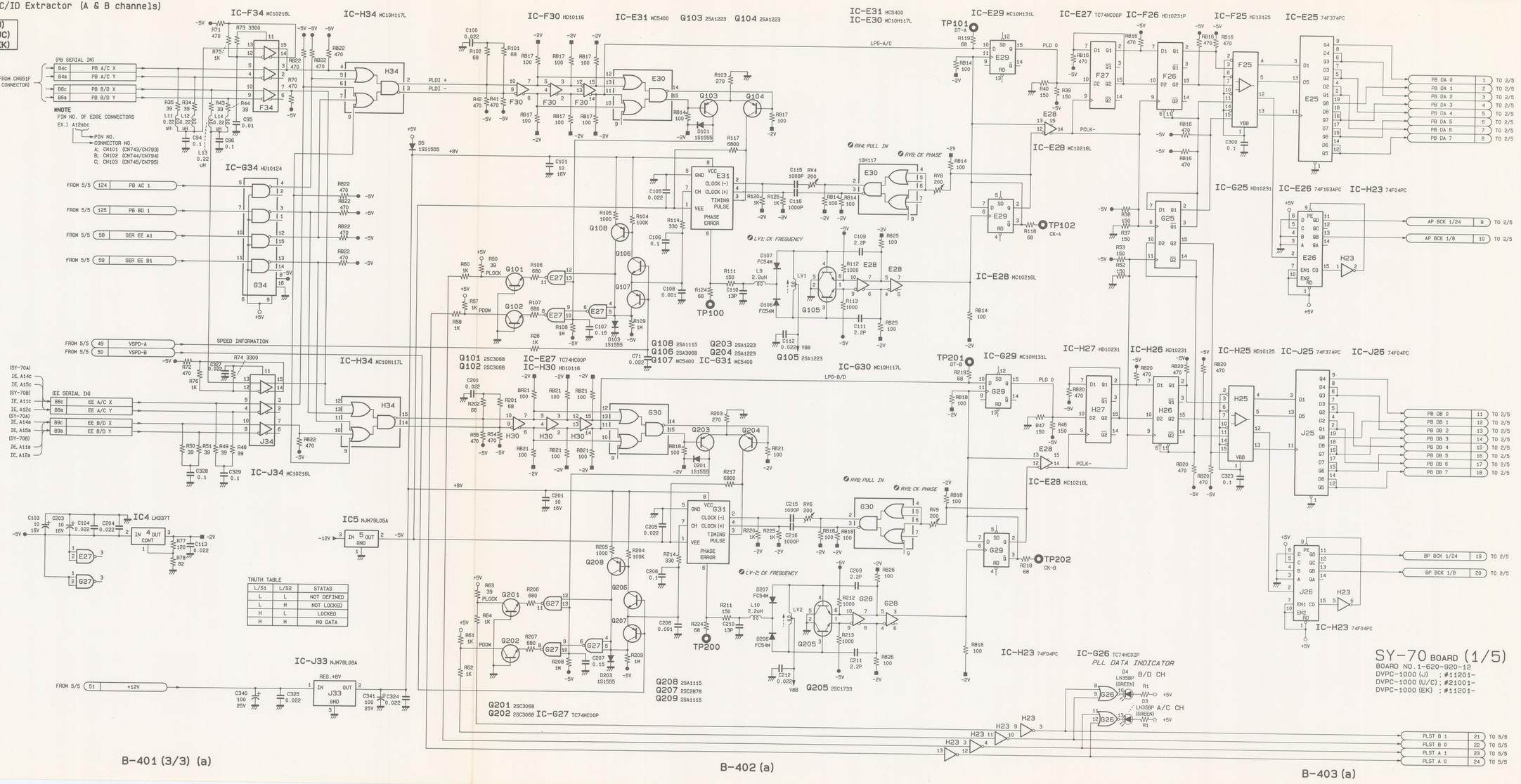
SY-70 (1/5) BOARD CARD RACK

CARD RACK SY-70 (1/5) BOARD

SY-70 BOARD (1/5)

(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)



SY-70 BOARD (1/5)
BOARD NO.1-620-920-12
DVPC-1000 (J) : #11201-
DVPC-1000 (U/C) : #21001-
DVPC-1000 (EK) : #11201-

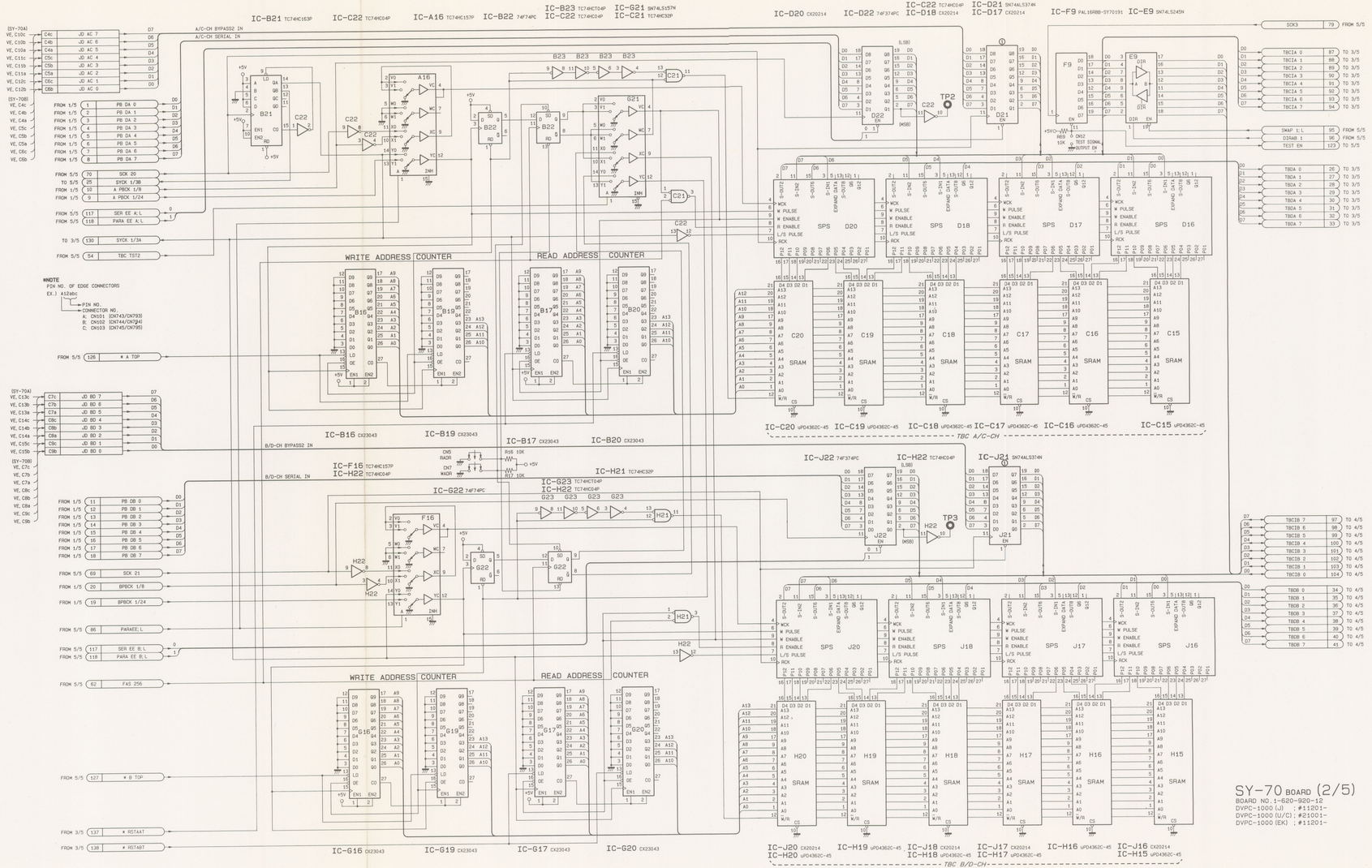
SY-70 (2/5) BOARD CARD RACK

CARD RACK SY-70 (2/5) BOARD

SY-70 BOARD (2/5)

(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)

11201 & UP (J)
21001 & UP (UC)
11201 & UP (EK)



SY-70 BOARD (2/5)
(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)
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IC-F29 DRIVER
IC-D21 DRIVER
IC-D22 DRIVER
IC-D19 DRIVER
IC-D17 DRIVER
IC-D20 DRIVER
IC-A19 DRIVER
IC-B22 DRIVER
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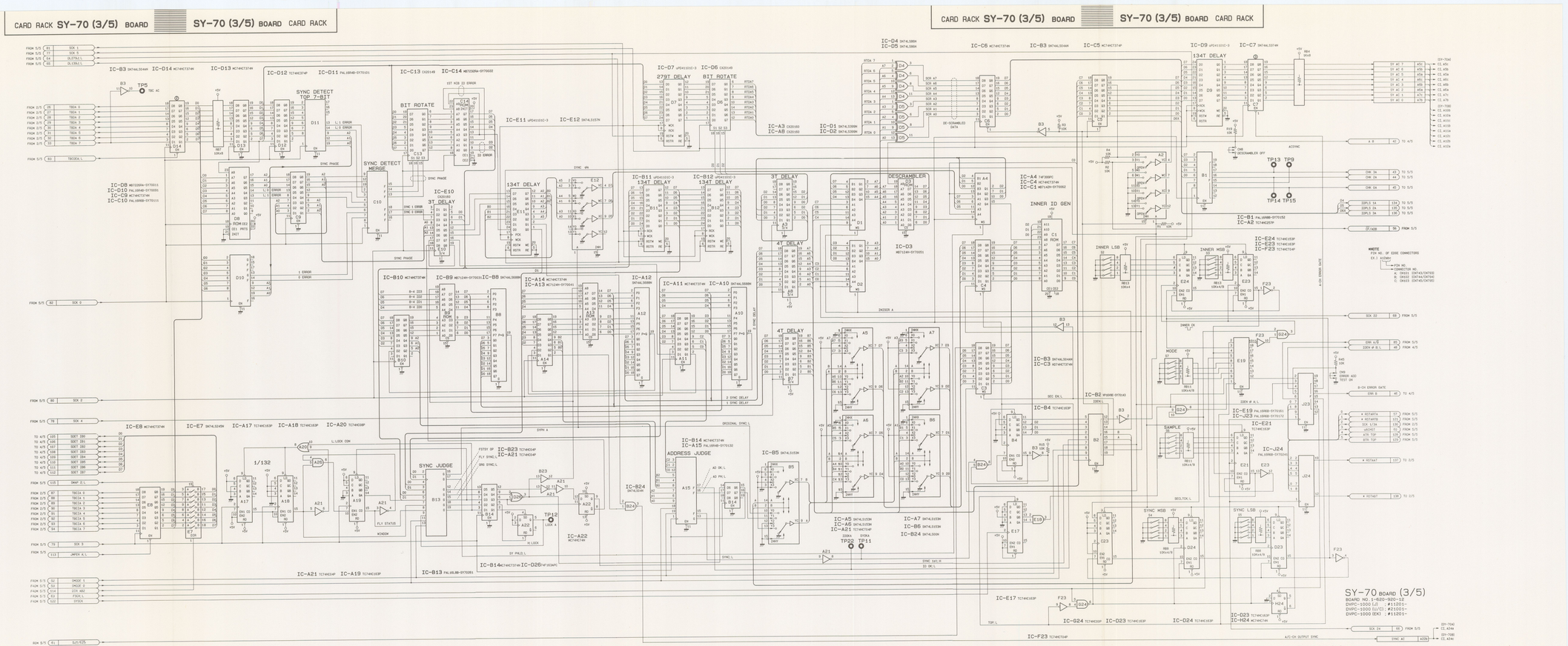
IC-H20 DRIVER
IC-H19 DRIVER
IC-H17

SY-70 BOARD (3/5)

(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)

11201 & UP (J)
21001 & UP (UC)
11201 & UP (EK)

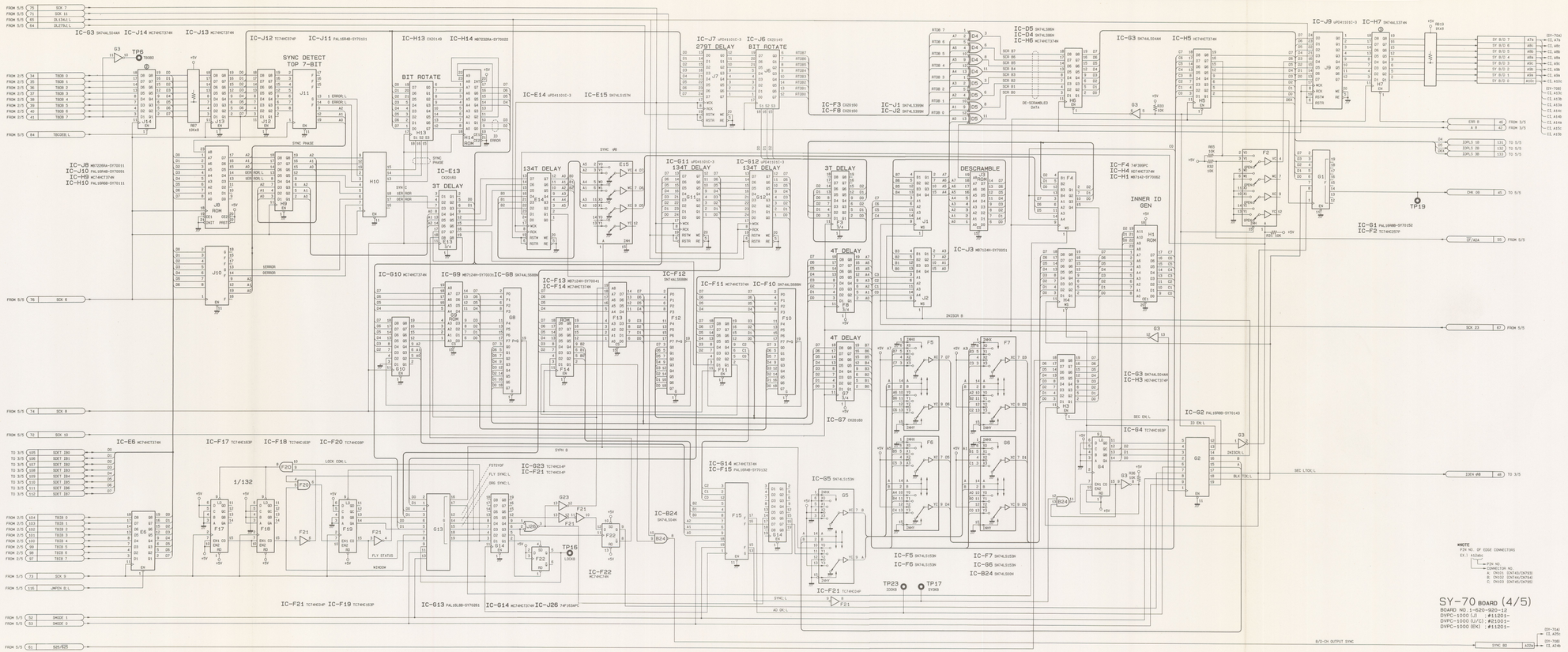


B-413 (a) B-414 (a) B-415 (a) B-416 (a)

SY-70 BOARD (4/5)

(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)



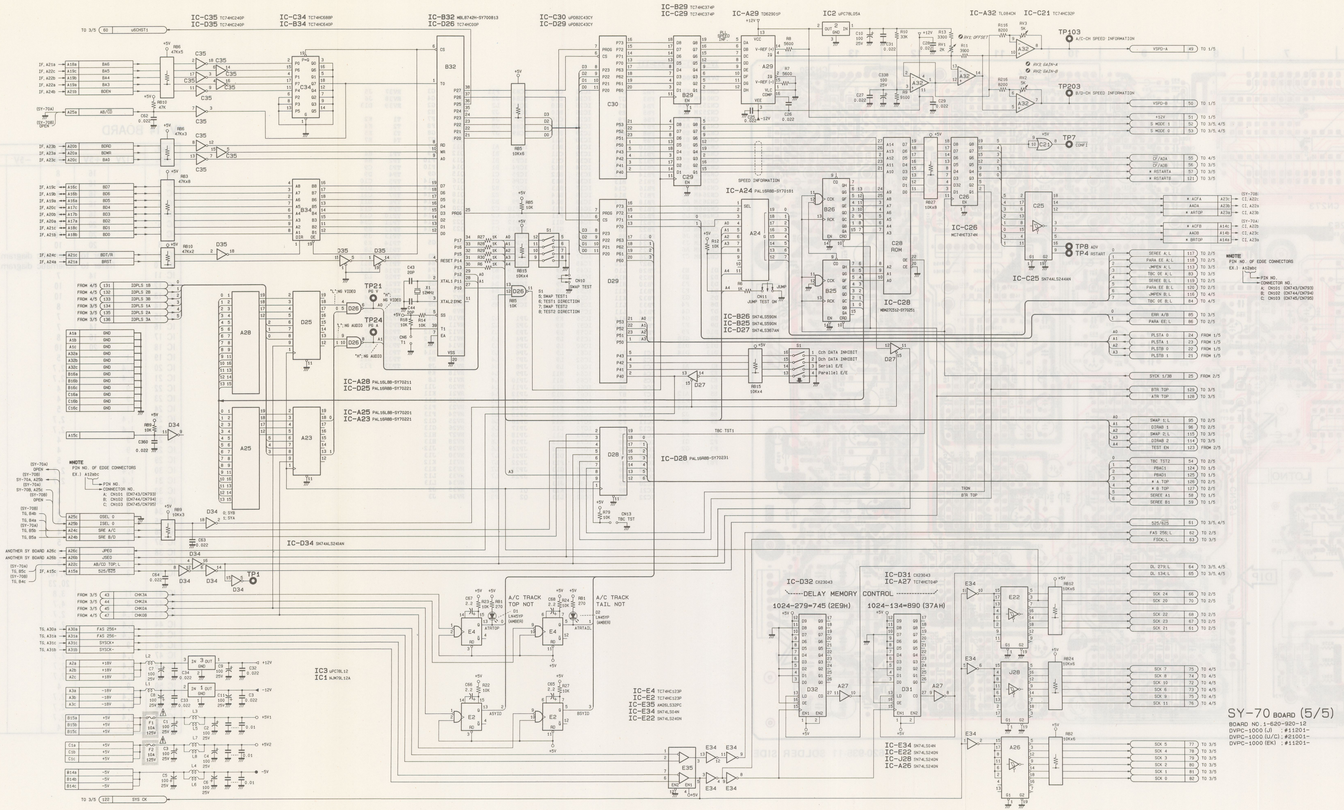
B-421 (a) B-422 (a) B-423 (a) B-424 (a)

CARD RACK SY-70 (5/5) BOARD SY-70 (5/5) BOARD CARD RACK

SY-70 BOARD (5/5)

(A): SYNC/ID Extractor (C & D channels)
(B): SYNC/ID Extractor (A & B channels)

11201 & UP (J)
21001 & UP (UC)
11201 & UP (EK)



IV-14 BOARD (1-620-935-11)

Component Side

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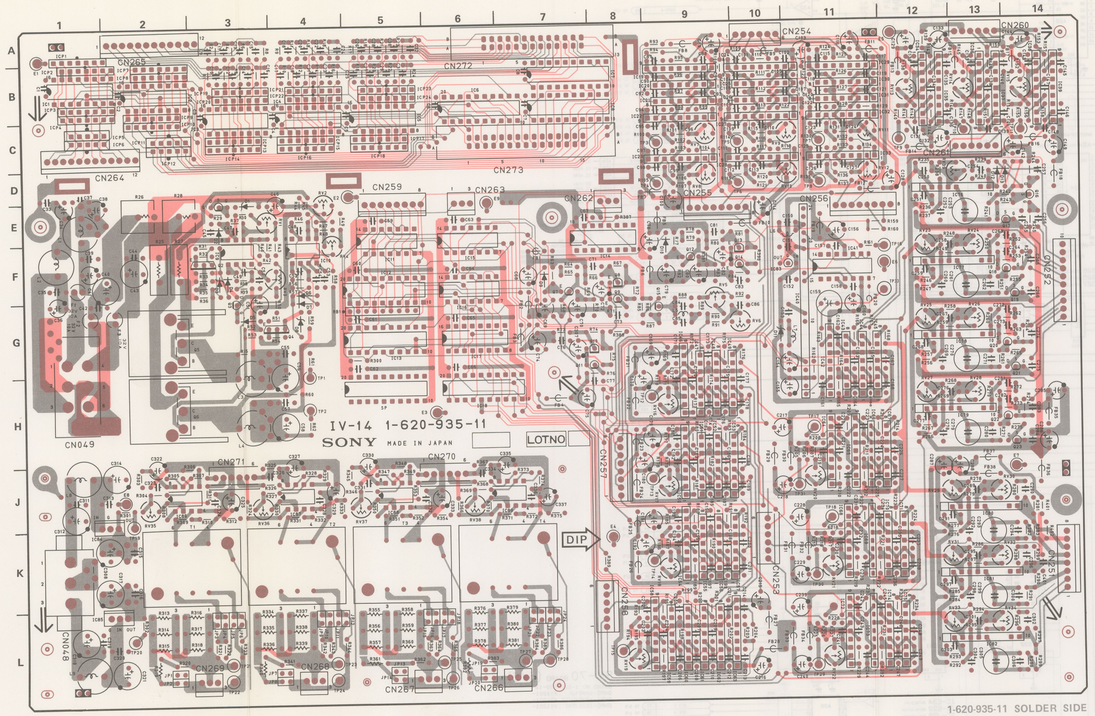
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)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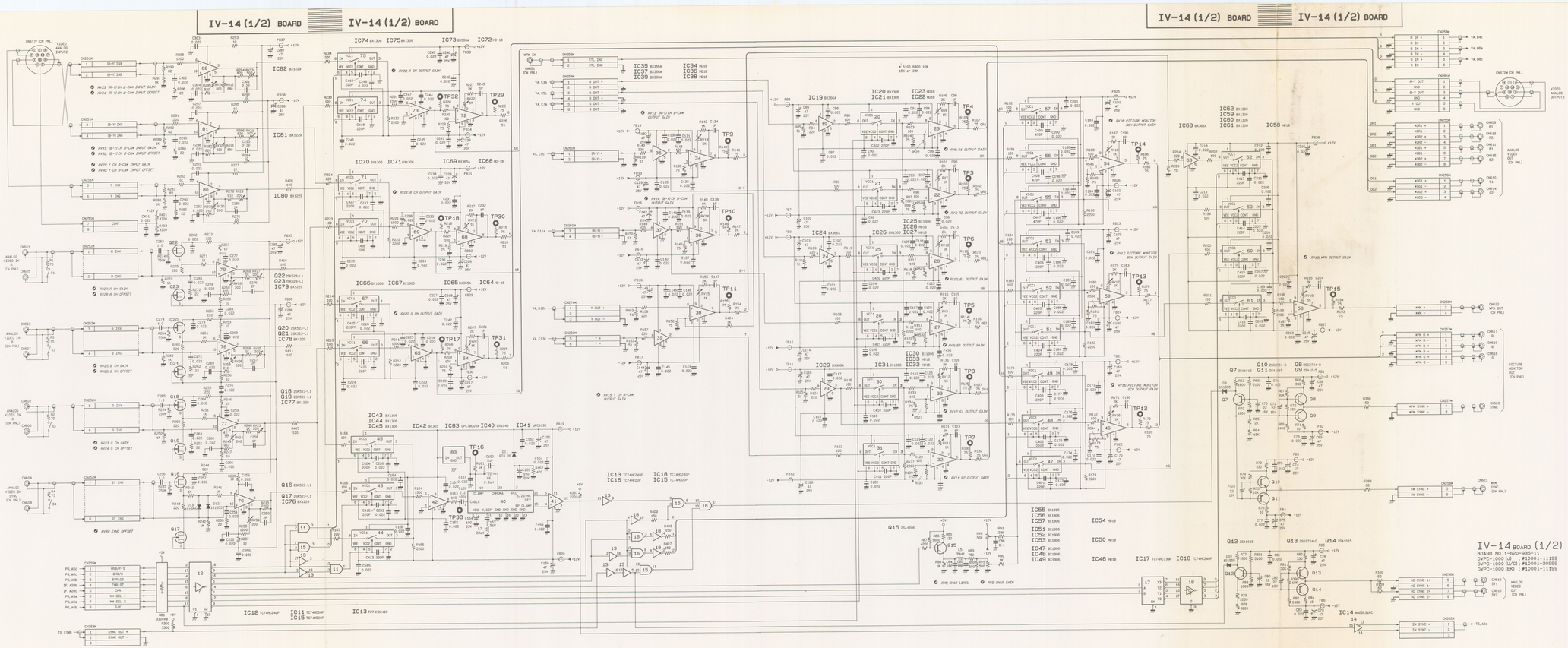
IV-14 BOARD (1/2)

Video & Audio I/O

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

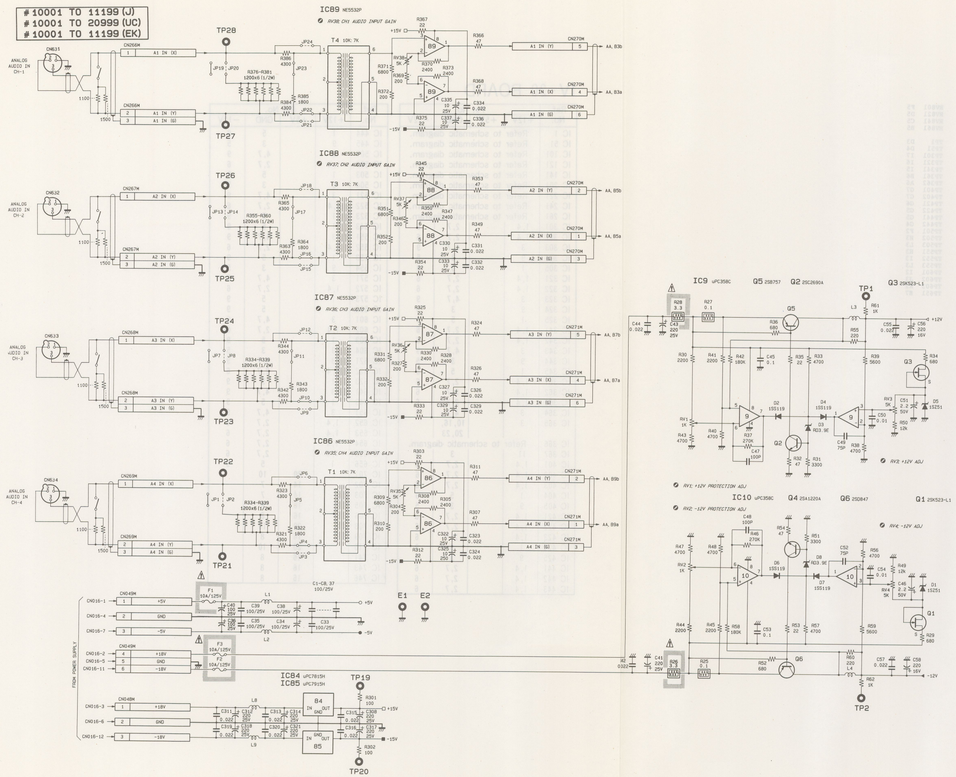


IV-14 (2/2) BOARD

IV-14 BOARD (2/2)

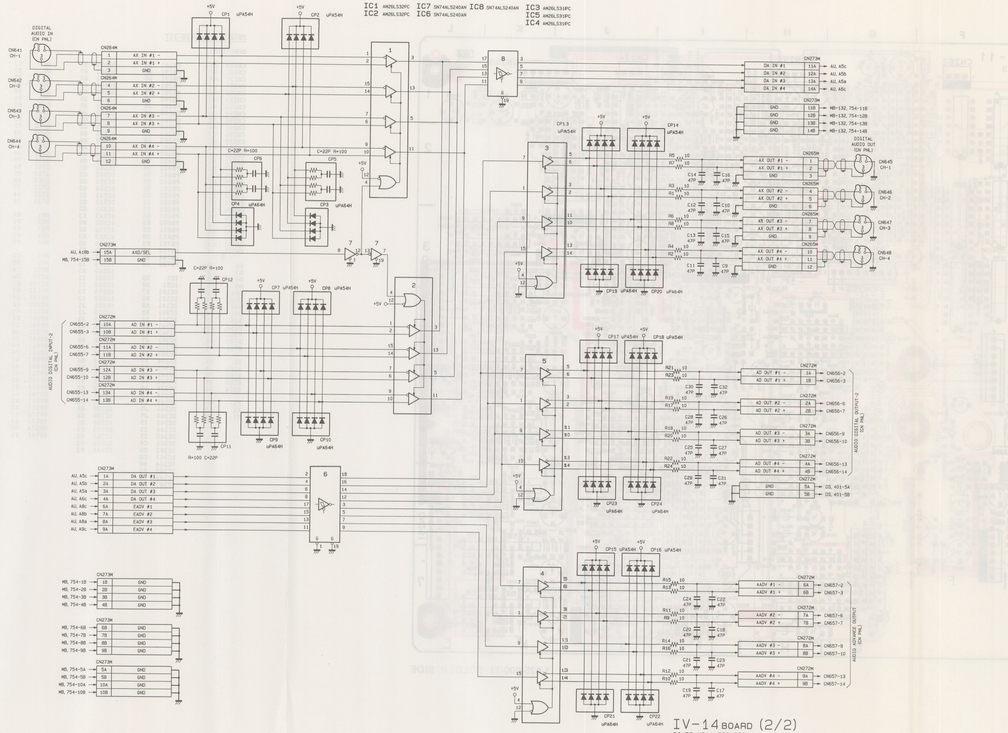
Video & Audio I/O

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)



B-445

B-446



B-447 (1/2)

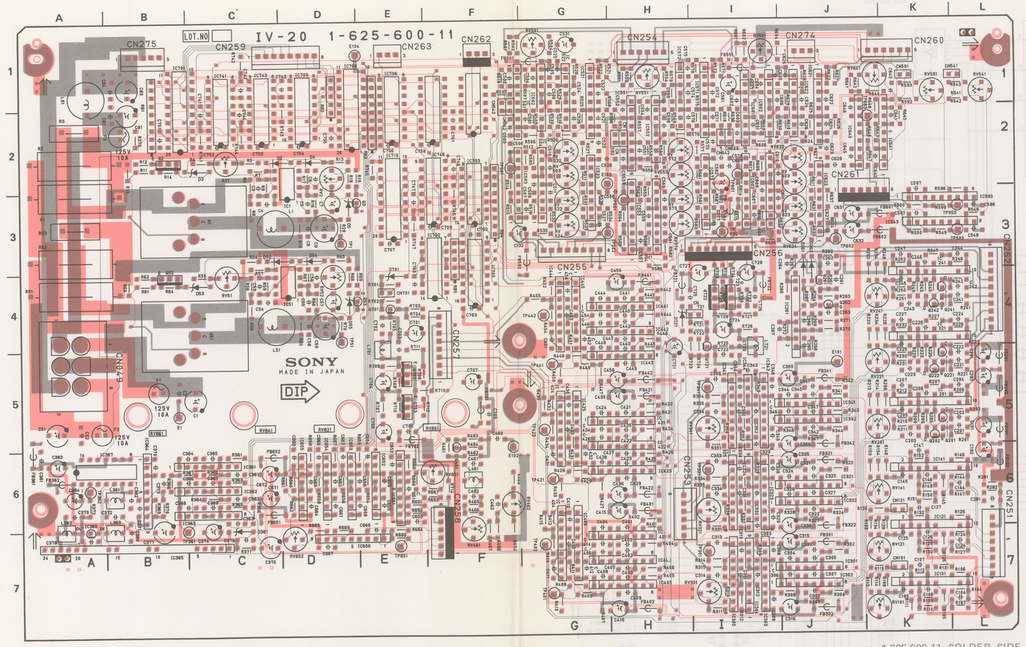
IV-14 BOARD (2/2)
BOARD NO. 1-620-932-11
DVPC-1000 (J) : #10001-11199
DVPC-1000 (U/C) : #10001-20999
DVPC-1000 (EK) : #10001-11199

B-447 (2/2)

IV-20 BOARD (1-625-600-11)

Component Side

11201 & UP (J)
21001 & UP (UC)
11201 & UP (EK)



1-625-600-11 COMPONENT SIDE

1-625-600-11 SOLDER SIDE

B-433 (a) (1/2)

B-434 (a) (1/2)

IV-20 BOARD IV-20 BOARD

IV-20 11-625-600-11

DVPC-1000

CN049	A5	FB191	L5	IC401	H7	Q1	C3	RV801	F5
CN101	K7	FB192	L6	IC402	H7	Q2	B2	RV821	D5
CN121	K6	FB291	L5	IC403	H7	Q3	B3	RV841	C5
CN251	L7	FB292	L5	IC404	G7	Q51	C4	RV861	B5
CN252	L4	FB301	J7	IC405	G7	Q52	B4		
CN253	H6	FB302	J7	IC421	H5	Q53	B4	TP1	D3
CN254	B1	FB321	J6	IC422	H5	Q201	K5	TP51	D4
CN255	G3	FB322	J6	IC423	H6	Q202	K5	TP301	I7
CN256	I3	FB341	J5	IC424	G5	Q221	K5	TP331	I6
CN257	F4	FB342	J5	IC425	G5	Q222	K5	TP341	I5
CN258	F7	FB361	A5	IC441	H4	Q241	K4	TP361	B6
CN259	D1	FB362	A6	IC442	H4	Q242	K4	TP362	A6
CN260	K1	FB401	H6	IC443	H5	Q261	J4	TP401	G7
CN261	J3	FB402	H7	IC444	G4	Q262	J4	TP402	G7
CN262	F1	FB421	H5	IC445	G4	Q461	F5	TP421	G6
CN263	E1	FB422	H6	IC501	G1	Q701	B4	TP422	G5
CN274	J1	FB441	H4	IC502	G2	Q702	B5	TP441	G5
CN275	B1	FB442	H5	IC503	G3	Q703	E5	TP442	G4
CN541	L1	FB501	G1	IC504	G3	Q721	I5	TP501	F2
CN542	F1	FB502	G3	IC521	G1	Q722	I4	TP502	E3
CN543	F1	FB551	I1	IC522	G1	Q723	I4	TP551	B3
CN591	K1	FB552	I3	IC523	G2			TP552	K3
CN592	H2	FB601	K3	IC543	K3	RB1	B2	TP553	L3
CN593	H2	FB602	K3	IC551	H2	RB2	D1	TP601	L2
CN642	I2	FB651	C6	IC552	H2	RB3	F2	TP602	J3
CN643	I2	FB652	C6	IC553	H3	RB4	F3	TP603	K2
CN701	B4	FB701	F5	IC554	H3	RB5	F3	TP651	E7
CN721	I4	FB702	E5	IC571	I1				
		FB721	B4	IC572	B1	RV1	C2		
D2	D2	FB722	I4	IC573	I2	RV2	D2		
D3	C2			IC593	K3	RV51	C4		
D4	D2	IC1	D2	IC601	I1	RV52	D4		
D5	D3	IC51	D4	IC602	I1	RV101	K7		
D52	D3	IC101	K7	IC603	I2	RV131	K7		
D53	C4	IC121	K6	IC604	I2	RV141	K6		
D54	D3	IC141	K6	IC621	J1	RV201	K5		
D55	D4	IC201	K5	IC622	J1	RV221	K5		
D261	J3	IC221	K4	IC623	J1	RV241	K4		
D262	J3	IC241	K4	IC643	J2	RV301	I7		
D361	C6	IC261	J4	IC651	B6	RV321	I6		
D701	B4	IC301	J7	IC652	B6	RV341	I5		
D721	B4	IC302	J7	IC653	D6	RV401	F6		
		IC303	I7	IC654	D6	RV462	F6		
E1	B5	IC304	I7	IC655	D6	RV501	G1		
E101	J5	IC305	I7	IC701	B1	RV503	G2		
E102	F2	IC321	J6	IC702	F3	RV522	G2		
E103	B2	IC322	J6	IC703	F3	RV523	G3		
E104	D1	IC323	I6	IC704	F4	RV524	G3		
		IC324	I6	IC705	F4	RV541	L1		
F1	B5	IC325	I6	IC706	E1	RV551	H1		
F2	A5	IC341	J5	IC708	D1	RV553	H2		
F3	B2	IC342	J5	IC709	D1	RV572	H2		
		IC343	I5	IC710	F3	RV573	H3		
		IC344	I5	IC741	C2	RV574	H3		
		IC345	I5	IC743	C2	RV591	K1		
		IC361	C6	IC746	F2				
		IC362	C6						
		IC363	C6						
		IC364	B6						
		IC365	B7						
		IC366	A6						
		IC367	A6						

B-435 (a) (1/2)

IV-20 BOARD

Ref. No.	Pin No. +12V	+5V	GND	−12V
IC 1	Refer to schematic diagram.			
IC 51	Refer to schematic diagram.			
IC 101	Refer to schematic diagram.			
IC 121	Refer to schematic diagram.			
IC 141	Refer to schematic diagram.			
IC 201	Refer to schematic diagram.			
IC 221	Refer to schematic diagram.			
IC 241	Refer to schematic diagram.			
IC 261	Refer to schematic diagram.			
IC 301	1,4		2,7	6
IC 302	1,4		2,7	6
IC 303	3		4,7	9
IC 304	9		3	5
IC 305	1		5	9
IC 321	1,4		2,7	6
IC 322	1,4		2,7	6
IC 323	3		4,7	9
IC 324	9		3	5
IC 325	1		5	9
IC 341	1,4		2,7	6
IC 342	1,4		2,7	6
IC 343	3		4,7	9
IC 344	9		3	5
IC 345	1		5	9
IC 361	1,4		2,7	6
IC 362	1,4		2,7	6
IC 363	1,4		2,7	6
IC 364	3		4,7	9
IC 365	3		10,16, 20,23	
IC 366	Refer to schematic diagram.			
IC 367	11		3	6
IC 401	1,4		2,7	6
IC 402	1,4		2,7	6
IC 403	1,4		2,7	6
IC 404	1		5	9
IC 405	9		3	5
IC 421	1,4		2,7	6
IC 422	1,4		2,7	6
IC 423	1,4		2,7	6
IC 424	1		5	9
IC 425	9		3	5
IC 441	1,4		2,7	6
IC 442	1,4		2,7	6
IC 443	1,4		2,7	6

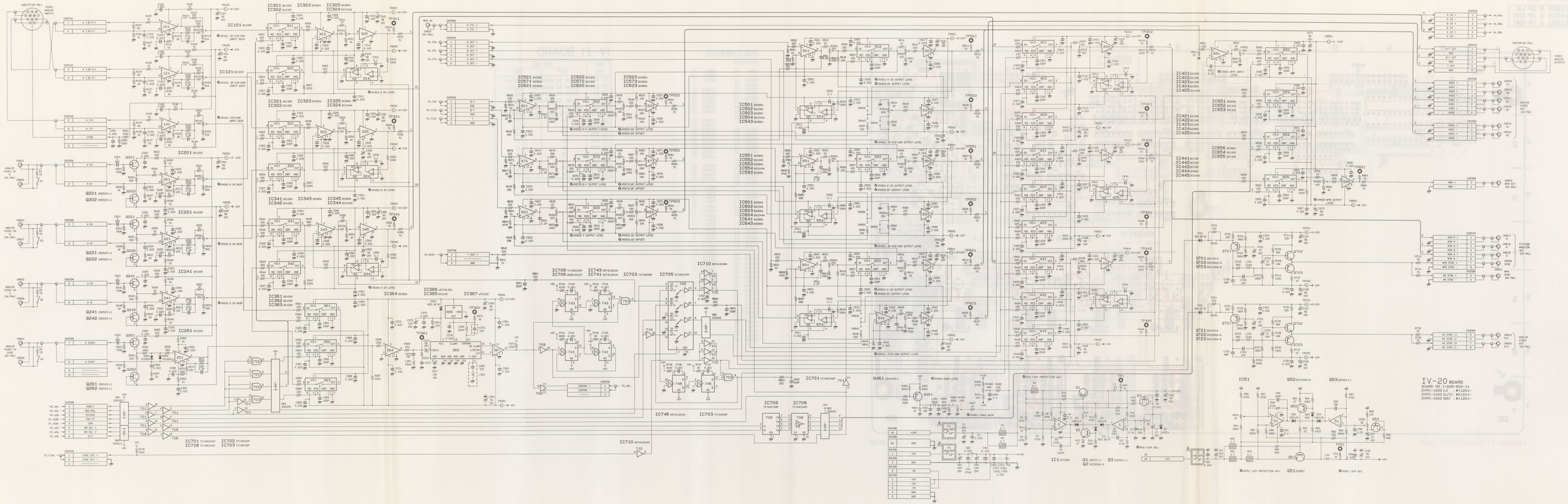
Ref. No.	Pin No. +12V	+5V	GND	−12V
IC 444	1		5	9
IC 445	9		3	5
IC 501	3		4,7	9
IC 502	1,4		2,7	6
IC 503	1		5	9
IC 504	9		3	5
IC 521	3		4,7	9
IC 522	1,4		2,7	6
IC 523	1		5	9
IC 543	1		5	9
IC 551	3		4,7	9
IC 552	1,4		2,7	6
IC 553	1		5	9
IC 554	9		3	5
IC 571	3		4,7	9
IC 572	1,4		2,7	6
IC 573	1		5	9
IC 593	1		5	9
IC 601	3		4,7	9
IC 602	1,4		2,7	6
IC 603	1		5	9
IC 604	9		3	5
IC 621	3		4,7	9
IC 622	1,4		2,7	6
IC 623	1		5	9
IC 641	3		4,7	9
IC 643	1		5	9
IC 651	3		4,7	9
IC 652	1,4		2,7	6
IC 653	1,4		2,7	6
IC 654	1,4		2,7	6
IC 655	1,4		2,7	6
IC 656	1		5	9
IC 701		20	10	
IC 702		14	7	
IC 703		14	7	
IC 705		16	8	
IC 706		16	8	
IC 708		20	10	
IC 709		16	8	
IC 710		20	10	
IC 741		16	8	
IC 743		16	8	
IC 746		16	8	

B-436 (a) (1/2)

IV-20 BOARD
Video I/O

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

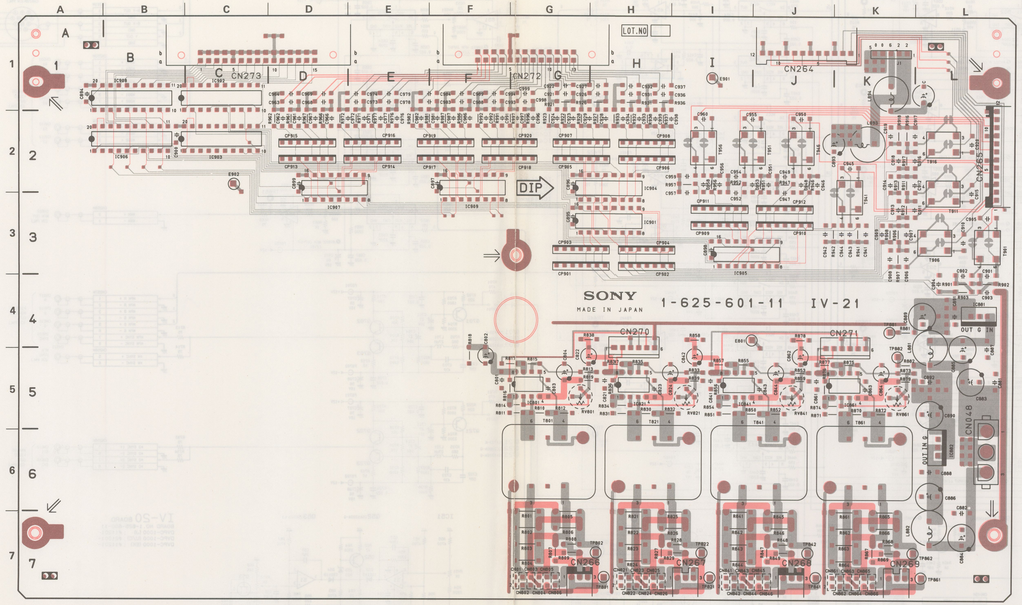
IV-20 BOARD IV-20 BOARD



IV-21 BOARD (1-620-601-11)

Component Side

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)



1-625-601-11 COMPONENT SIDE

1-625-601-11 SOLDER SIDE

IV-21 BOARD IV-21 BOARD

IV-21 1-625-601-11?

DVPC-1000

CN40	L6		
		E801	J4
		E901	I1
CN264	J1	E902	C2
CN265	L2		
CN266	G7	IC801	G5
CN267	I7	IC821	H5
CN268	J7	IC841	I5
CN269	K7	IC861	K5
CN270	H4	IC881	L4
CN271	K4	IC882	L6
CN272	G1		
CN273	C1	IC901	H3
		IC902	C1
CN801	G7	IC903	C2
CN802	G7	IC904	H2
CN803	G7	IC905	I3
CN804	G7	IC906	B2
CN805	G7	IC907	D2
CN806	G7	IC908	B1
		IC909	F2
CN821	H7		
CN822	H7	RV801	G5
CN823	H7	RV821	I5
CN824	H7	RV841	J5
CN825	H7	RV861	K5
CN826	H7		
		T801	G6
CN841	I7	T821	H6
CN842	I7	T841	J6
CN843	I7	T861	K6
CN844	J7	T901	L3
CN845	J7	T906	L3
CN846	J7	T911	L2
		T916	L2
CN861	K7	T941	K3
CN862	K7	T946	J2
CN863	K7	T951	I2
CN864	K7	T956	I2
CN865	K7		
CN866	K7	TP801	H7
		TP802	H7
CP901	G3	TP821	I7
CP902	H3	TP822	I7
CP903	G3	TP841	J7
CP904	H3	TP842	J7
CP905	G2	TP861	L7
CP906	H2	TP862	L7
CP907	G2	TP881	K4
CP908	H2	TP882	K5
CP909	I3		
CP910	J3		
CP911	I3		
CP912	J3		
CP913	D2		
CP914	E2		
CP915	D2		
CP916	E2		
CP917	F2		
CP918	G2		
CP919	F2		
CP920	G2		

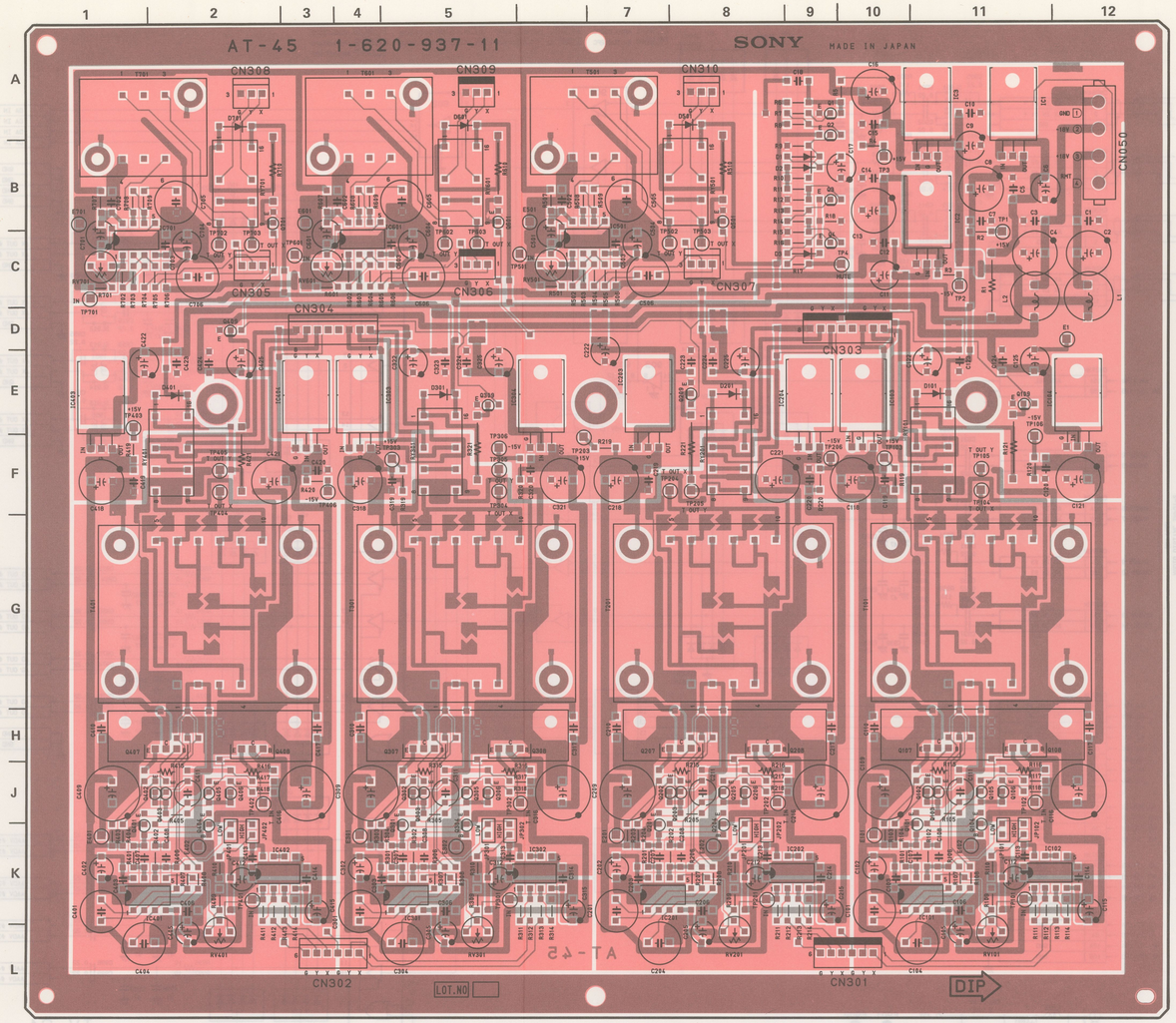
IV-21 BOARD

Ref. No.	Pin No. +5V	Pin No. GND
IC 801	Refer to schematic diagram.	
IC 821	Refer to schematic diagram.	
IC 841	Refer to schematic diagram.	
IC 861	Refer to schematic diagram.	
IC 881	Refer to schematic diagram.	
IC 882	Refer to schematic diagram.	
IC 901	16	8
IC 902	20	10
IC 903	20	10
IC 904	16	8
IC 905	16	8
IC 906	20	10
IC 907	16	8
IC 908	20	10
IC 909	16	8

AT-45 BOARD (1-620-937-11)

Component Side

10001 TO 10599 (J)
10001 TO 10799 (UC)
10001 TO 10799 (EK)



1-620-937-11 COMPONENT SIDE

AT-45 BOARD

1-620-937-11 SOLDER SIDE

AT-45 (1-620-937-11)

DVPC-1000

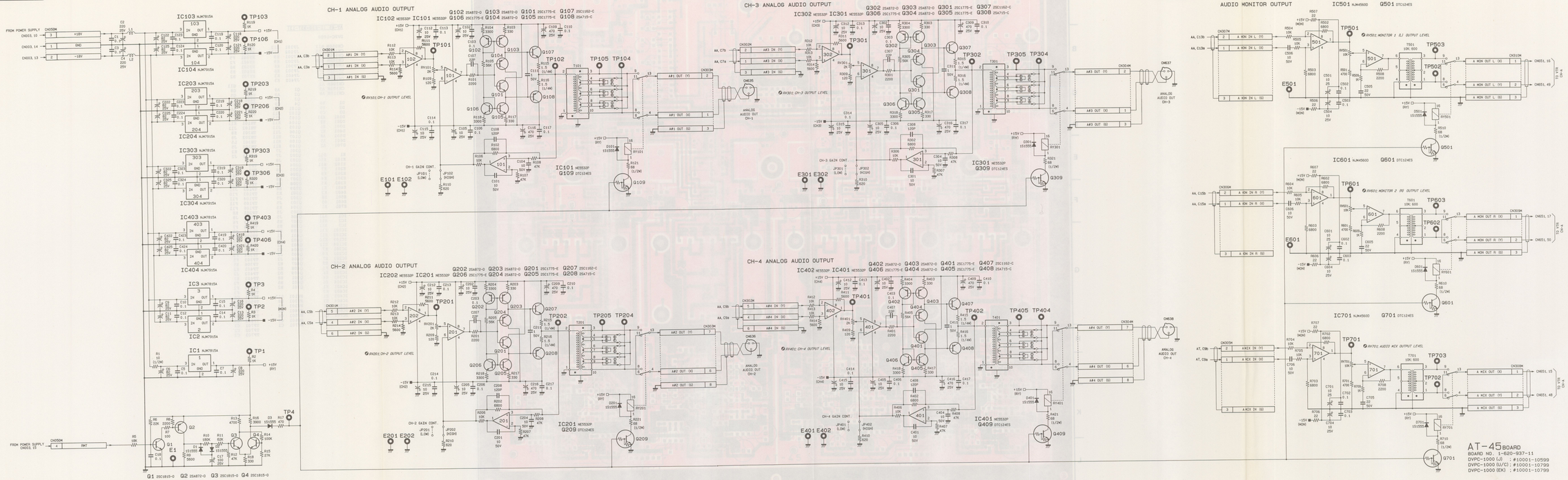
CN050M	B12	JP101	K11	RV601	C3
CN301M	L10	JP102	K11	RV701	C1
CN302M	L3	JP201	K8		
CN303M	D10	JP202	K8	RY101	F11
CN304M	D3	JP301	K5	RY201	F8
CN305M	C2	JP302	K5	RY301	F5
CN306M	C5	JP401	K2	RY401	F2
CN307M	C8	JP402	K2	RY501	B8
CN308M	A2			RY601	B5
CN309M	A5	Q1	A9	RY701	B2
CN310M	A8	Q2	A9		
		Q3	B9	T101	G11
D1	B9	Q4	C9	T201	G8
D2	B9	Q101	K11	T301	G5
D3	C9	Q102	J11	T401	G2
D101	E11	Q103	J11	T501	A7
D201	E8	Q104	K11	T601	A5
D301	E5	Q105	J11	T701	A1
D401	E2	Q106	J11		
D501	A8	Q107	H11	TP1	C11
D601	A5	Q108	H11	TP2	C11
D701	A2	Q109	E11	TP3	B10
		Q201	K7	TP4	C10
E1	D12	Q202	J7	TP101	K11
E101	K10	Q203	J8	TP102	J11
E102	K11	Q204	K8	TP103	F10
E201	K7	Q205	J8	TP104	F11
E202	K8	Q206	J8	TP105	F11
E301	K4	Q207	H8	TP106	F11
E302	K5	Q208	H8	TP201	K8
E401	K1	Q209	E8	TP202	J8
E402	K2	Q301	K5	TP203	F6
E501	B6	Q302	J5	TP204	F7
E601	B3	Q303	J5	TP205	F8
E701	B1	Q304	K5	TP206	F9
		Q305	J5	TP301	K5
IC1	A11	Q306	J5	TP302	J5
IC2	B11	Q307	H5	TP303	F5
IC3	A11	Q308	H5	TP304	F5
IC101	K11	Q309	E5	TP305	F5
IC102	K11	Q401	K1	TP306	F5
IC103	E10	Q402	J2	TP401	K2
IC104	E12	Q403	J2	TP402	J2
IC201	K7	Q404	K2	TP403	E1
IC202	K9	Q405	J2	TP404	F2
IC203	E7	Q406	J2	TP405	F2
IC204	E9	Q407	H2	TP406	F3
IC301	K5	Q408	H2	TP501	C5
IC302	K6	Q409	D2	TP502	C7
IC303	E4	Q501	B8	TP503	C8
IC304	E6	Q601	B5	TP601	C3
IC401	K1	Q701	B2	TP602	C5
IC402	K2			TP603	C5
IC403	E1	RV101	L11	TP701	C1
IC404	E3	RV201	L8	TP702	C2
IC501	C6	RV301	L5	TP703	C2
IC601	L4	RV401	L2		
IC701	C1	RV501	C6		

AT-45 BOARD AT-45 BOARD

AT-45 BOARD

Audio Line Amplifier

10001 TO 10599 (J)
10001 TO 10799 (UC)
10001 TO 10799 (EK)



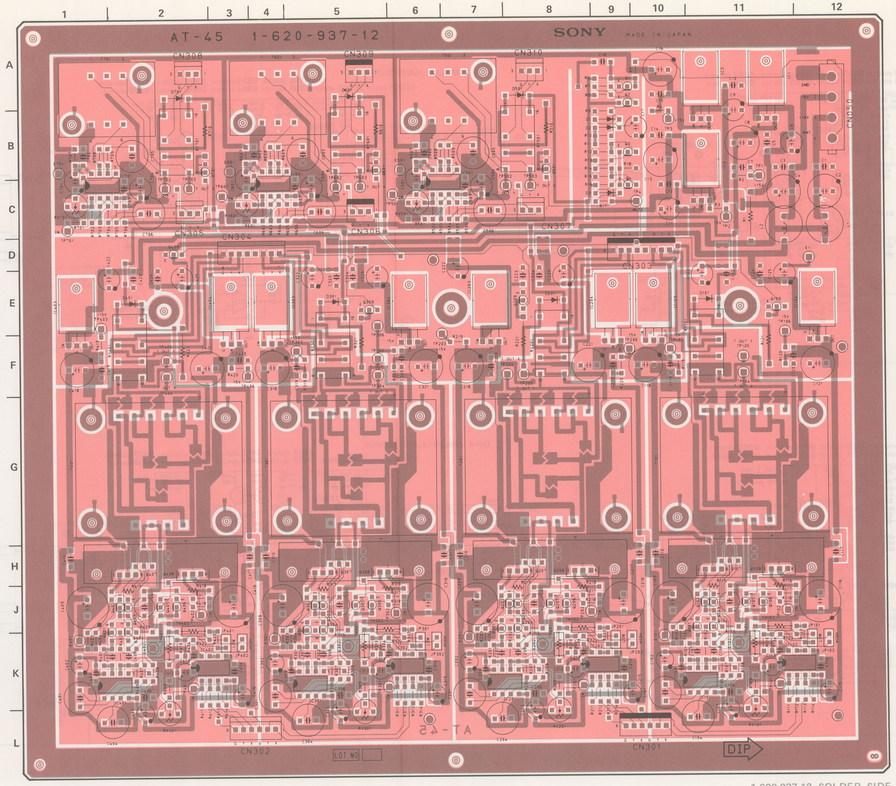
B-451 (a) B-452 (a) B-453 (a) B-454 (a)

AT-45 BOARD
BOARD NO. 1-620-937-11
DVPC-1000 (J) : #10001-10599
DVPC-1000 (U/C) : #10001-10799
DVPC-1000 (EK) : #10001-10799

AT-45 BOARD (1-620-937-12)

Component Side

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)



1-620-937-12 COMPONENT SIDE

1-620-937-12 SOLDER SIDE

AT-45 BOARD AT-45 BOARD

AT-45 (1-620-937-12)

DVPC-1000

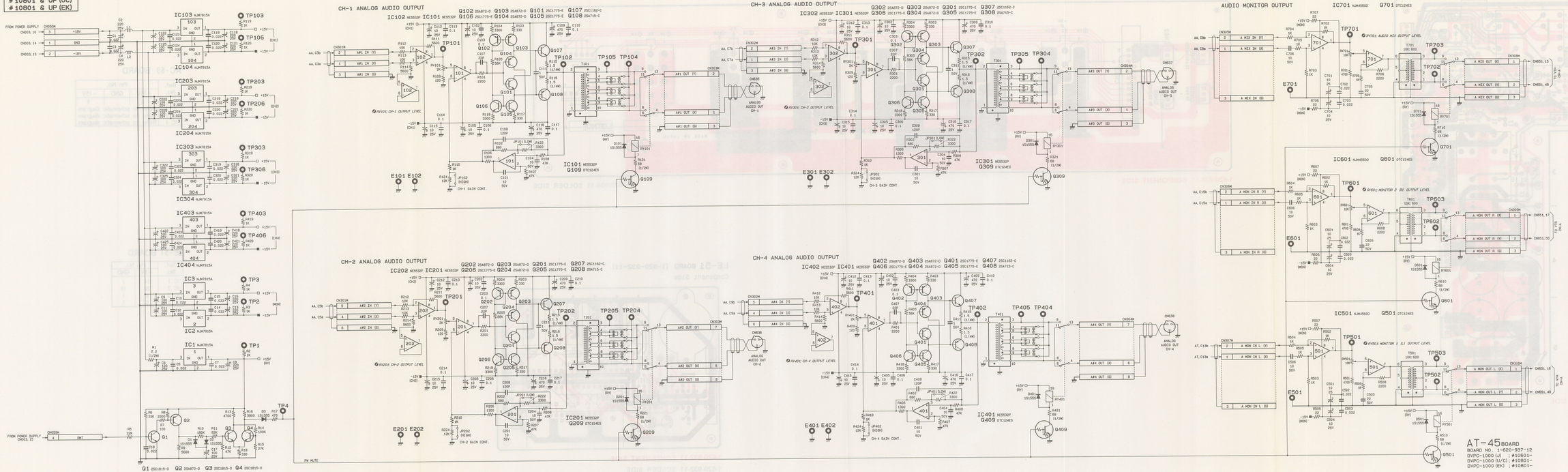
CN050M	B12	JP101	K12	RY101	F11
CN301M	L10	JP102	K12	RY301	F8
CN302M	L3	JP201	K9	RY301	F5
CN303M	D10	JP202	K9	RY401	F2
CN304M	C2	JP301	K6	RY601	B8
CN305M	C3	JP302	K6	RY601	B5
CN306M	C5	JP401	K3	RY701	B2
CN307M	C6	JP402	K3		
CN308M	A2			T101	G11
CN309M	A5	Q1	A9	T201	G8
CN310M	A8	Q2	A9	T301	G5
		Q3	B9	T401	G2
D1	B9	Q4	C9	T501	A7
D2	B9	Q101	J11	T601	A5
D3	C9	Q102	J11	T701	A1
D101	E11	Q103	J11		
D201	E8	Q104	K11	TH101	K11
D301	E5	Q105	J11	TH102	J11
D401	E2	Q106	J11	TH201	K8
D501	A8	Q107	K11	TH202	J8
D601	A5	Q108	K11	TH301	L5
D701	A2	Q109	E11	TH302	J5
		Q201	J7	TH401	K2
E1	D12	Q202	J7	TH402	J2
E101	K10	Q203	J8		
E102	K11	Q204	K8	TP1	C11
E201	K7	Q205	J8	TP2	C11
E202	K8	Q206	J8	TP3	B10
E301	K4	Q207	H8	TP4	C10
E302	K5	Q208	H8	TP101	K11
E401	K1	Q209	E8	TP102	J11
E402	K2	Q301	K5	TP103	F10
E501	B6	Q302	J5	TP104	F11
E601	B3	Q303	J5	TP105	F11
E701	B1	Q304	K5	TP106	F11
		Q305	J5	TP201	K8
IC1	A11	Q306	J5	TP202	J8
IC2	B11	Q307	H5	TP203	F6
IC3	A11	Q308	H5	TP204	F7
IC101	K11	Q309	E5	TP205	F8
IC102	K11	Q401	K1	TP206	F9
IC103	E10	Q402	J2	TP301	K5
IC104	E12	Q403	J2	TP302	J6
IC201	K7	Q404	K2	TP303	F5
IC202	K9	Q405	J2	TP304	F5
IC203	E7	Q406	J2	TP305	F5
IC204	E9	Q407	H2	TP306	E5
IC301	K5	Q408	H2	TP401	K2
IC302	K6	Q409	D2	TP402	J2
IC303	E6	Q601	B8	TP403	E1
IC304	B6	Q602	B5	TP404	F2
IC401	K1	Q701	B2	TP405	F2
IC402	K2			TP406	F3
IC403	E1	RV101	L11	TP501	C6
IC404	E3	RV201	L8	TP502	C8
IC501	C7	RV301	L5	TP503	C8
IC601	C4	RV401	L2	TP601	C3
IC701	C1	RV501	C6	TP602	C5
		RV601	C3	TP603	C5
		RV701	C1	TP701	C1
				TP702	C2
				TP703	C2

AT-45 BOARD AT-45 BOARD

AT-45 BOARD

Audio Line Amplifier

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

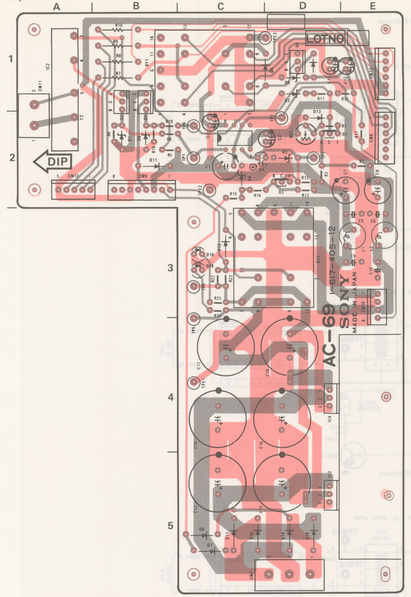


B-451 (b) B-452 (b) B-453 (b) B-454 (b)

POWER SUPPLY AC-69, LE-51, TX-12

AC-69 BOARD (1-617-405-12)

Component Side

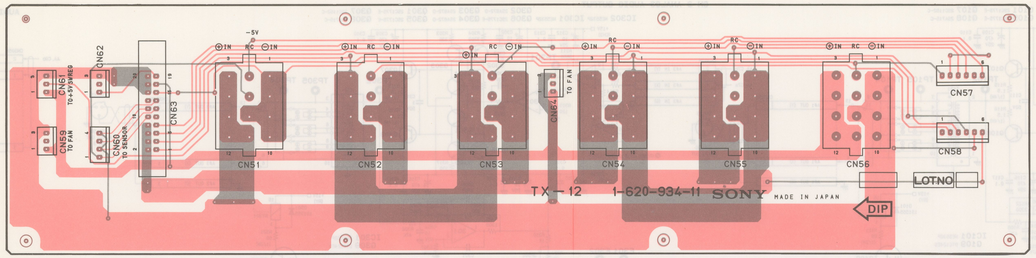


1-617-405-12 COMPONENT SIDE

1-617-405-12 SOLDER SIDE

TX-12 BOARD (1-620-934-11)

Component Side

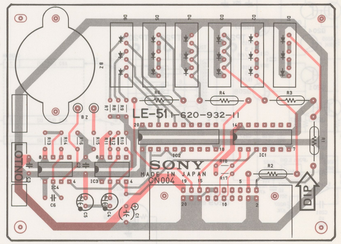


1-620-934-11 COMPONENT SIDE

1-620-934-11 SOLDER SIDE

LE-51 BOARD (1-620-932-11)

Component Side



1-620-932-11 COMPONENT SIDE

1-620-932-11 SOLDER SIDE

AC-69 BOARD

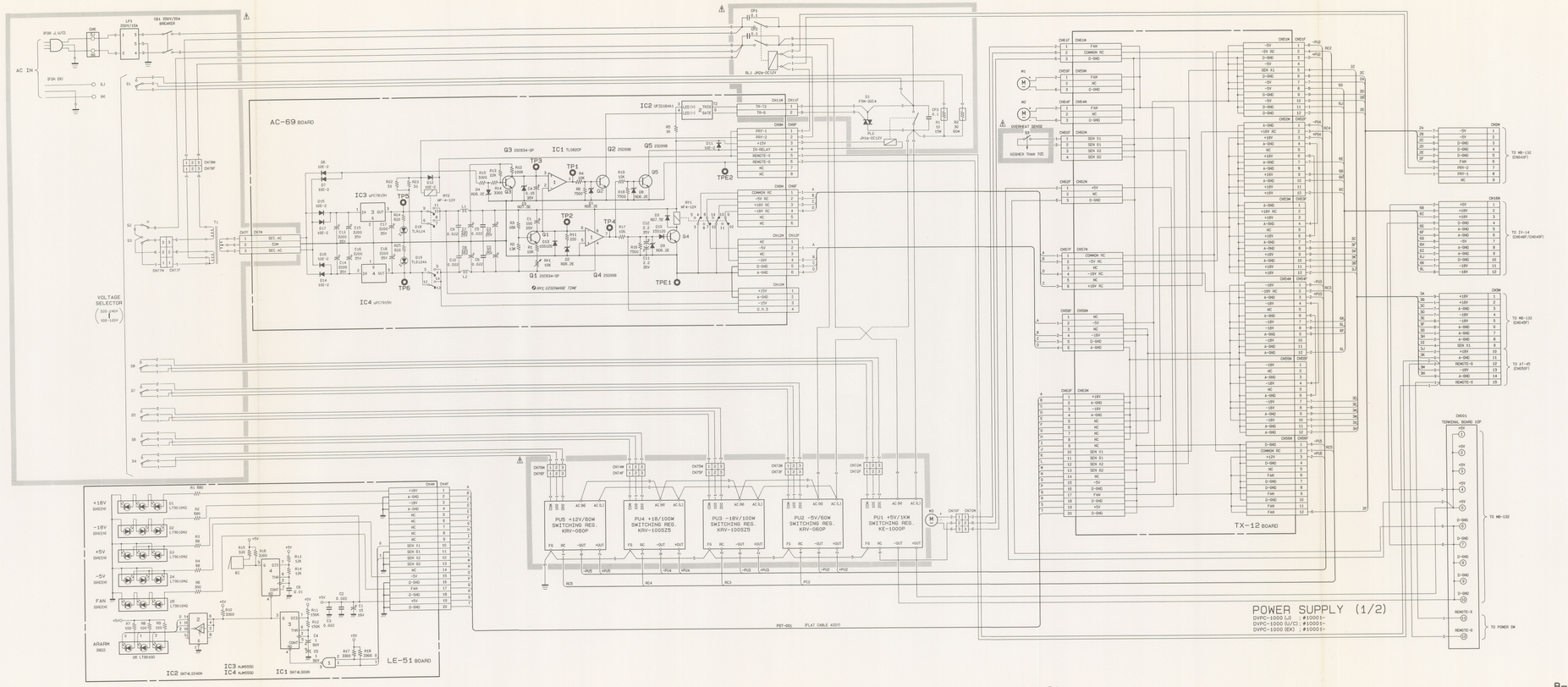
Ref. No.	Pin No. +15V	GND	−15V
IC 1	8		4
IC 2	Refer to schematic diagram		
IC 3	Refer to schematic diagram		
IC 4	Refer to schematic diagram		

LE-51 BOARD

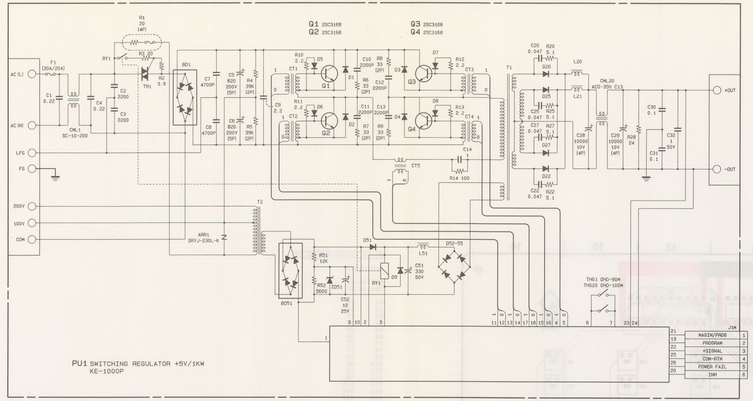
Ref. No.	Pin No. +5V	GND
IC 1	14	7
IC 2	20	10
IC 3	8	1
IC 4	8	1

POWER SUPPLY (1/2)
AC-69 BOARD Rush Current Protector
LE-51 BOARD LED Board
TX-12 BOARD Power Supply Relaying

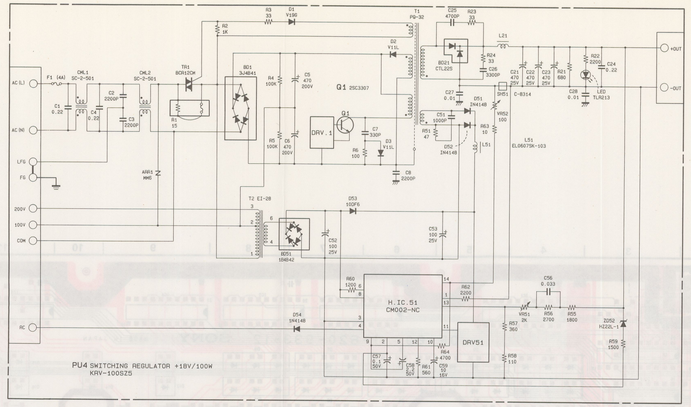
POWER SUPPLY (1/2) AC-69, LE-51, TX-12



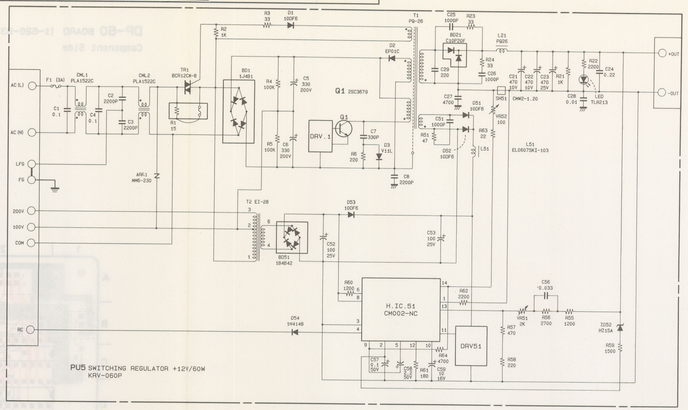
POWER SUPPLY (2/2) POWER SUPPLY (2/2)



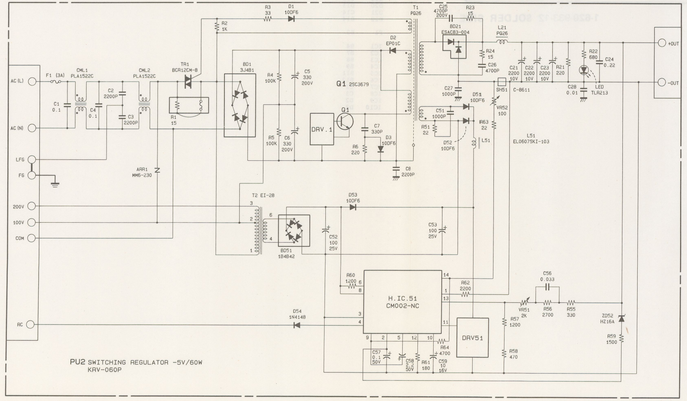
PU1 SWITCHING REGULATOR +5V/1KW
KE-1000P



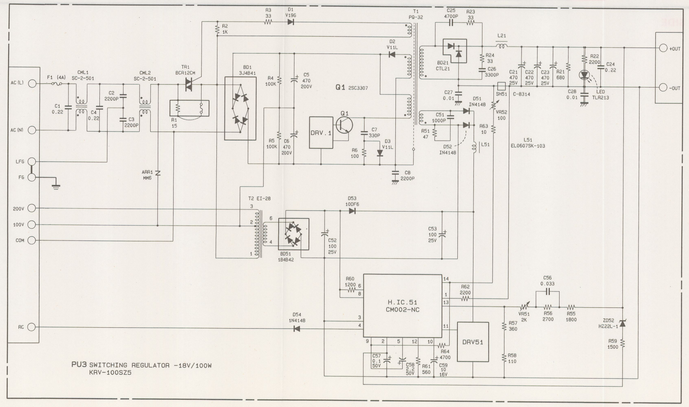
PU4 SWITCHING REGULATOR +18V/100W
KRV-1000ZS



PU5 SWITCHING REGULATOR +12V/60W
KRV-060P



PU2 SWITCHING REGULATOR -5V/60W
KRV-060P

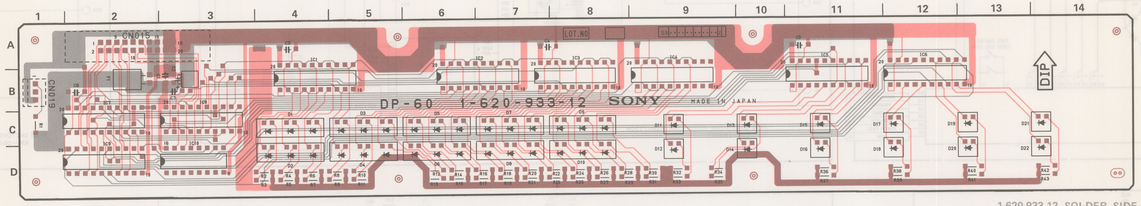


PU3 SWITCHING REGULATOR -18V/100W
KRV-1000ZS

POWER SUPPLY (2/2)
DVPC-1000 (J) : #10001-
DVPC-1000 (U/C) : #10001-
DVPC-1000 (EK) : #10001-

DP-60 BOARD (1-620-933-12)

Component Side



1-620-933-12 COMPONENT SIDE

1-620-933-12 SOLDER SIDE

DP-60 (1-620-933-11,12)

DVPC-1000

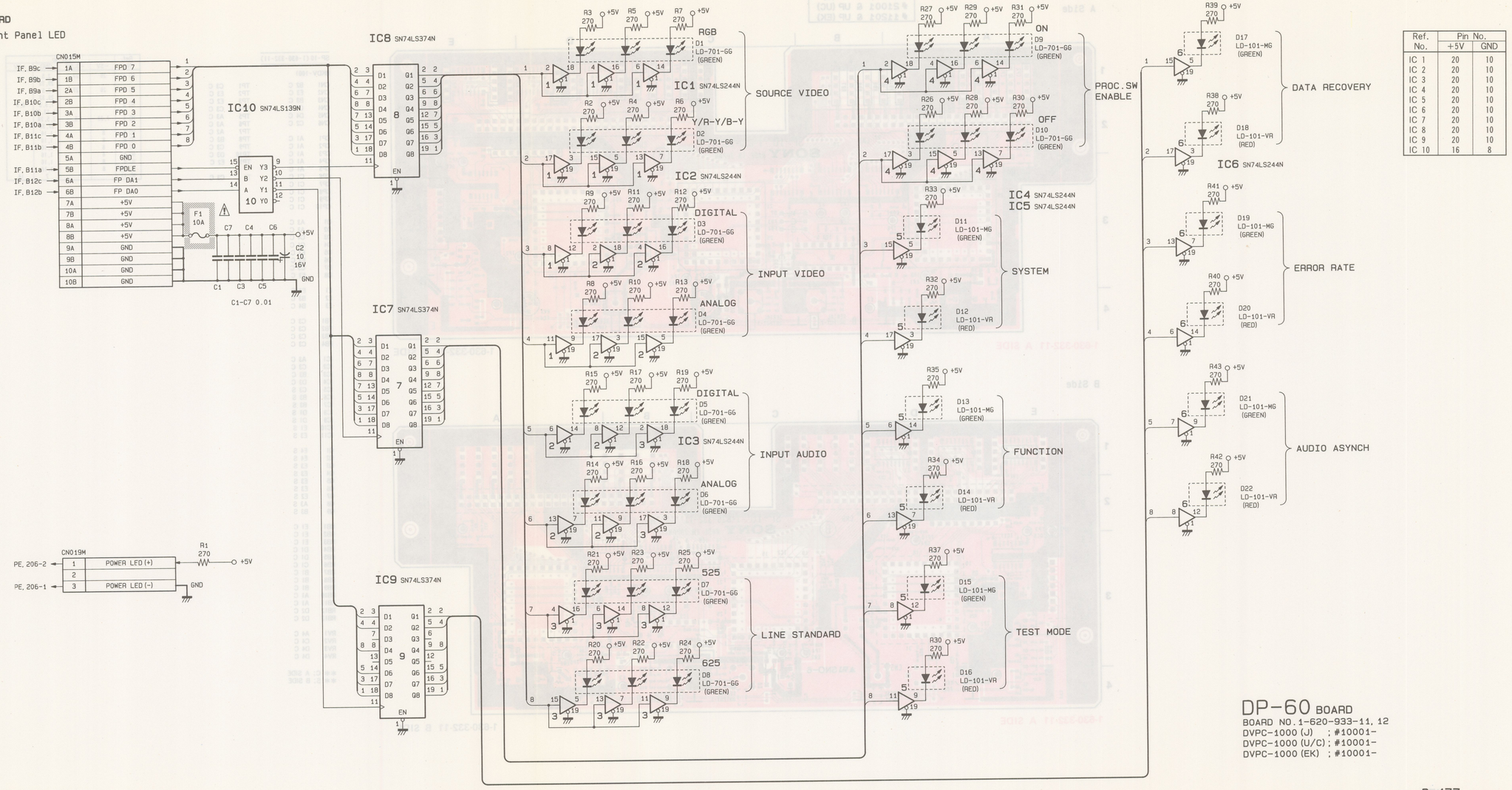
CN015M A2
CN013M B1

D1	C4
D2	D4
D3	C5
D4	D5
D5	C6
D6	D6
D7	C7
D8	D7
D9	C8
D10	D8
D11	C9
D12	D9
D13	C10
D14	D10
D15	C11
D16	D11
D17	C12
D18	D12
D19	C13
D20	D13
D21	C14
D22	D14
P1	B2
IC1	B4
IC2	B7
IC3	B8
IC4	B9
IC5	B11
IC6	B12
IC7	C2
IC8	C3
IC9	D2
IC10	D3

DP-60 BOARD
DP-60 BOARD

DP-60 BOARD

Front Panel LED



Ref. No.	Pin No. +5V	Pin No. GND
IC 1	20	10
IC 2	20	10
IC 3	20	10
IC 4	20	10
IC 5	20	10
IC 6	20	10
IC 7	20	10
IC 8	20	10
IC 9	20	10
IC 10	16	8

DP-60 BOARD

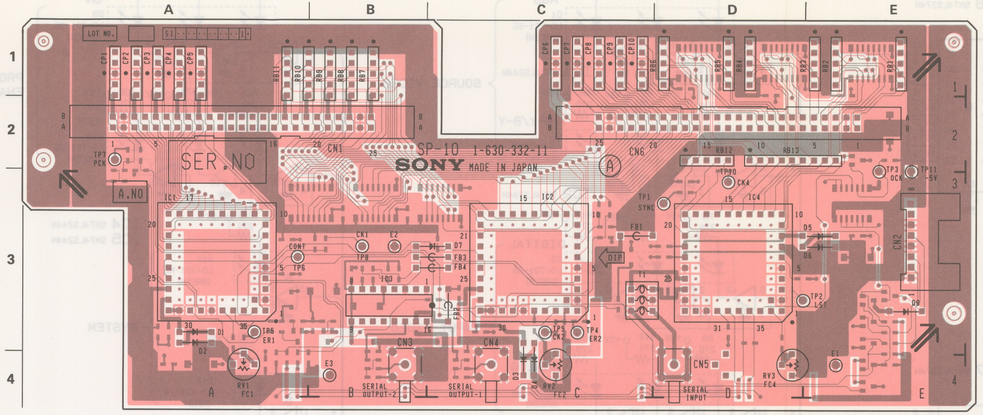
BOARD NO.1-620-933-11, 12
DVPC-1000 (J) ; #10001-
DVPC-1000 (U/C) ; #10001-
DVPC-1000 (EK) ; #10001-

SP-10 BOARD

SP-10 BOARD (1-630-332-11)

#21801 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

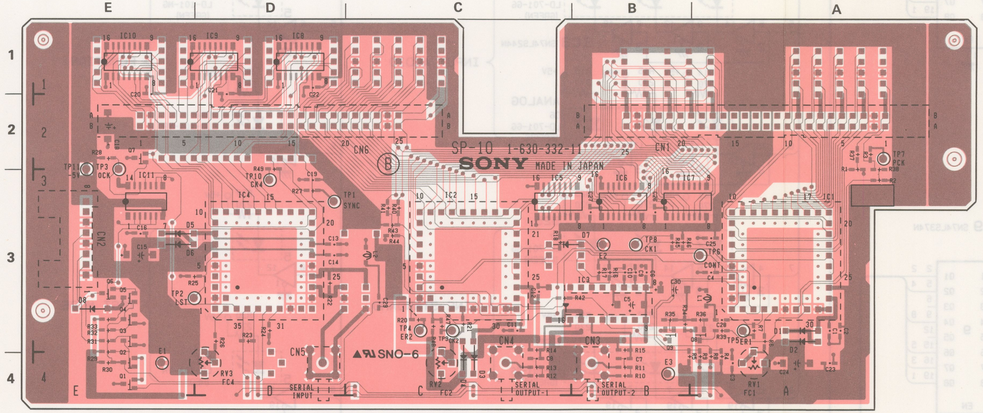
A Side



1-630-332-11 A SIDE

1-630-332-11 B SIDE

B Side



1-630-332-11 A SIDE

1-630-332-11 B SIDE

SP-10 (1-630-332-11)

BKDV-1001

CN1	B2 C	TP1	C3 C
CN2	E3 C	TP2	E3 C
CN3	B3 C	TP3	E2 C
CN4	C3 C	TP4	C3 C
CN5	D4 C	TP5	A3 C
CN6	C2 C	TP6	A3 C
		TP7	A2 C
CP1	A1 C	TP8	B3 C
CP2	A1 C	TP9	C3 C
CP3	A1 C	TP10	D3 C
CP4	A1 C	TP11	E2 C
CP5	A1 C		
CP6	C1 C	T1	C3 C
CP7	C1 C		
CP8	C1 C		
CP9	C1 C		
CP10	C1 C		
D1	A3 C		
D2	A3 C		
D3	C4 C		
D4	C4 C		
D5	E3 C		
D6	E3 C		
D7	C3 C		
D8	E3 C		
E1	E4 C		
E2	B3 C		
E3	B4 C		
FB1	C3 C		
FB2	C3 C		
FB3	C3 C		
FB4	C3 C		
IC1	A3 C		
IC2	C3 C		
IC3	B3 C		
IC4	D3 C		
IC5	C3 S		
IC6	B3 S		
IC7	B3 S		
IC8	D1 S		
IC9	D1 S		
IC10	E1 S		
IC11	E3 S		
Q1	E4 S		
Q2	E4 S		
Q3	E3 S		
Q4	E3 S		
Q5	E3 S		
Q6	E2 S		
Q7	E2 S		
Q8	A3 S		
Q9	B3 S		
RB1	E1 C		
RB2	E1 C		
RB3	E1 C		
RB4	D1 C		
RB5	D1 C		
RB6	C1 C		
RB7	B1 C		
RB8	B1 C		
RB9	B1 C		
RB10	A1 C		
RB11	A1 C		
RB12	D2 C		
RB13	D2 C		
RV1	A4 C		
RV2	C4 C		
RV3	D4 C		
RV4	D4 C		

** C; A SIDE
** S; B SIDE

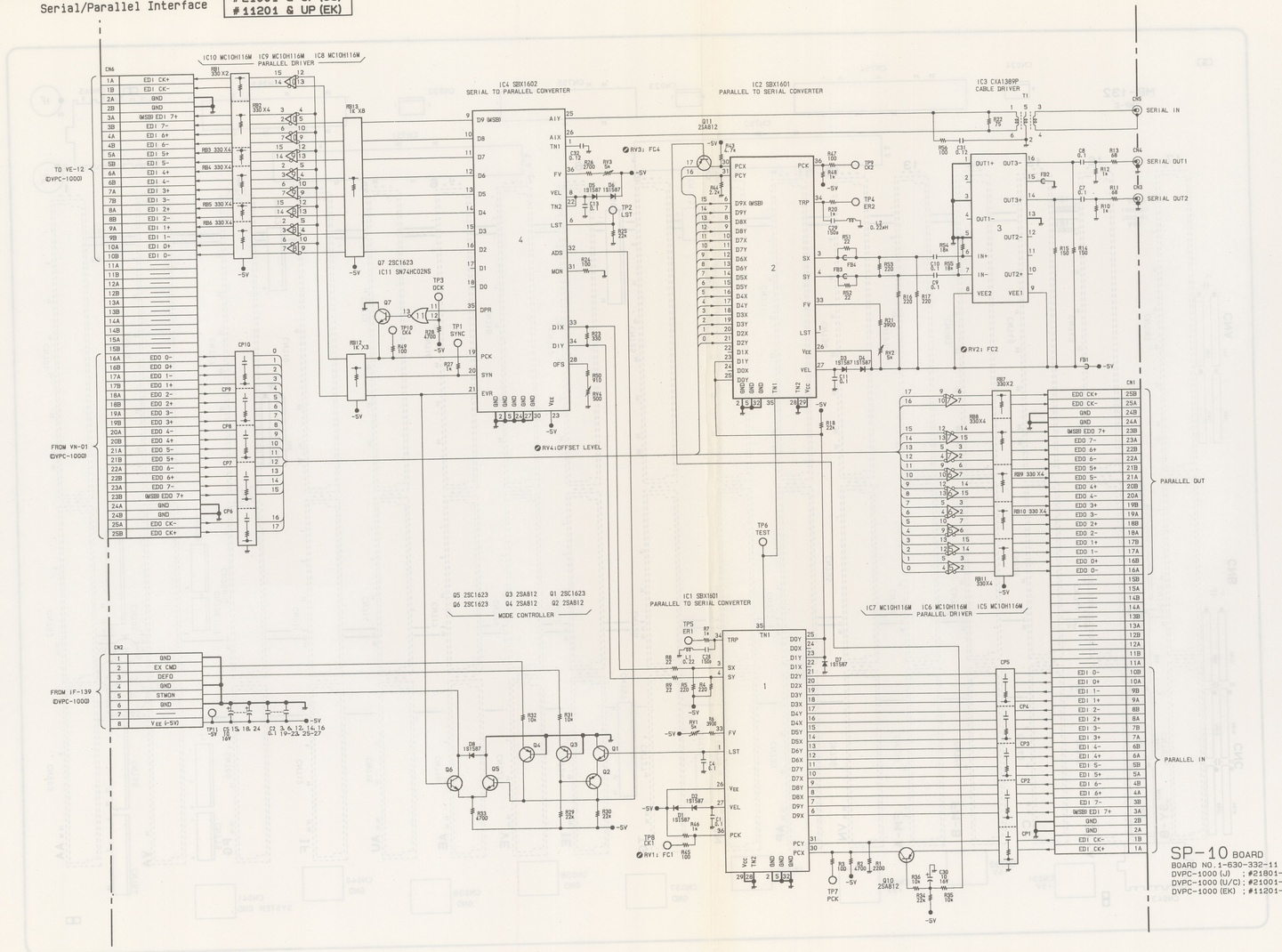
Ref. No.	Pin No. -5V	-3.5V	GND	+5V
IC 1	26	27	2, 5, 29, 32	
IC 2	26	27	2, 5, 29, 32	
IC 3			1, 3, 5, 11, 13, 15	8, 9
IC 4	7, 23	8	2, 5, 24, 27, 30	
IC 5	8		1, 16	
IC 6	8		1, 16	
IC 7	8		1, 16	
IC 8	8		1, 16	
IC 9	8		1, 16	
IC 10	8		1, 16	
IC 11			7	14

SP-10 BOARD
SP-10 BOARD

SP-10 BOARD

Serial/Parallel Interface

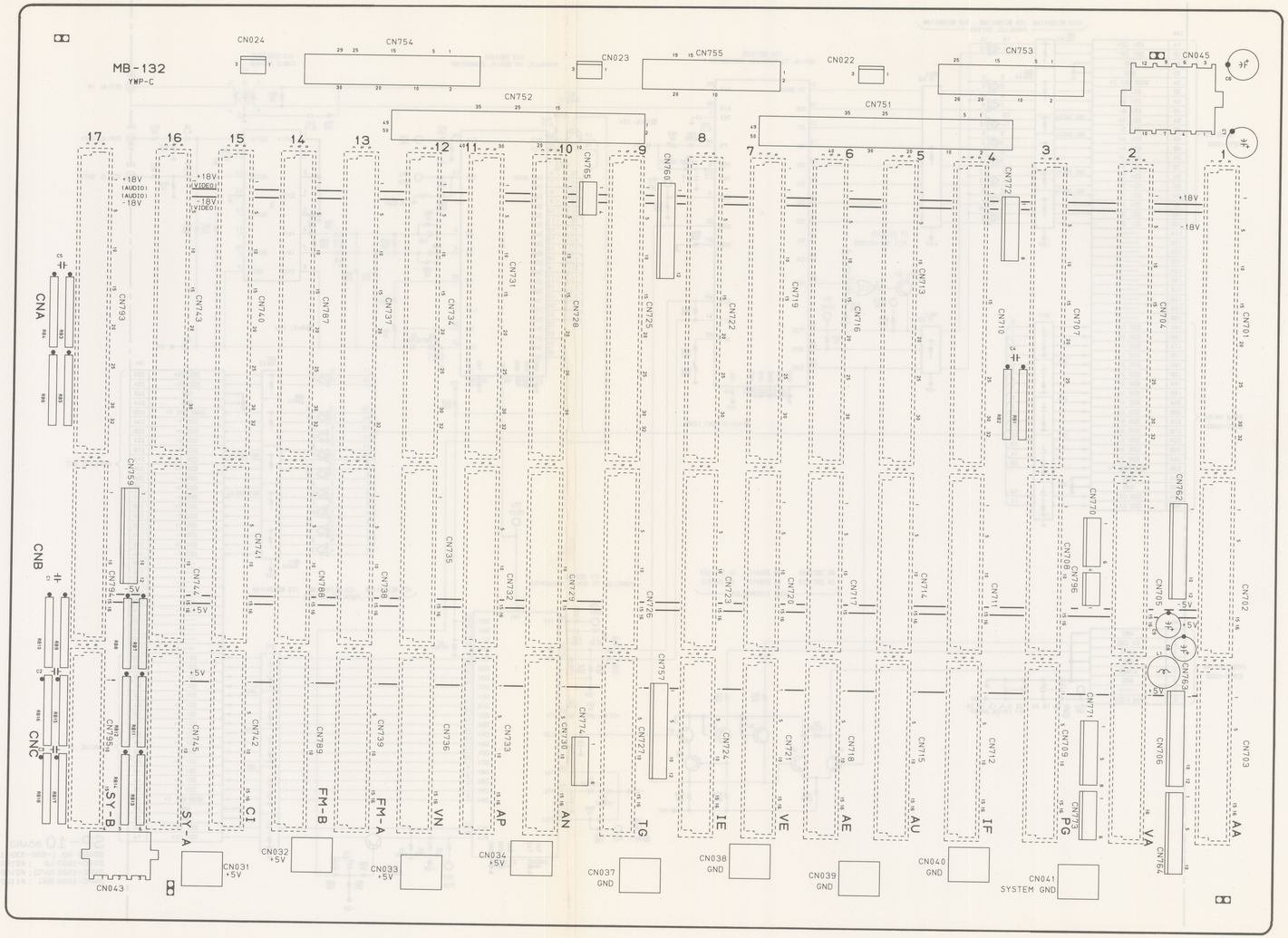
#21801 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)



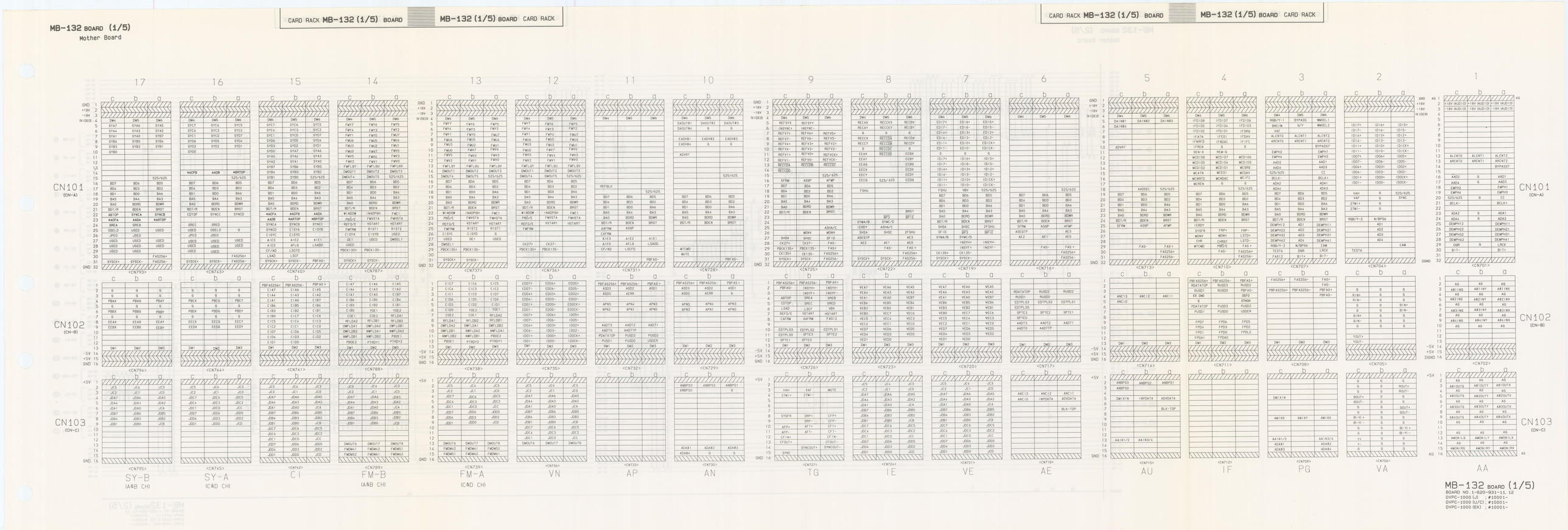
MB-132 BOARD CARD RACK

MB-132 BOARD (1-620-931-12)

Solder Side



MB-132 BOARD (1/5)
Mother Board

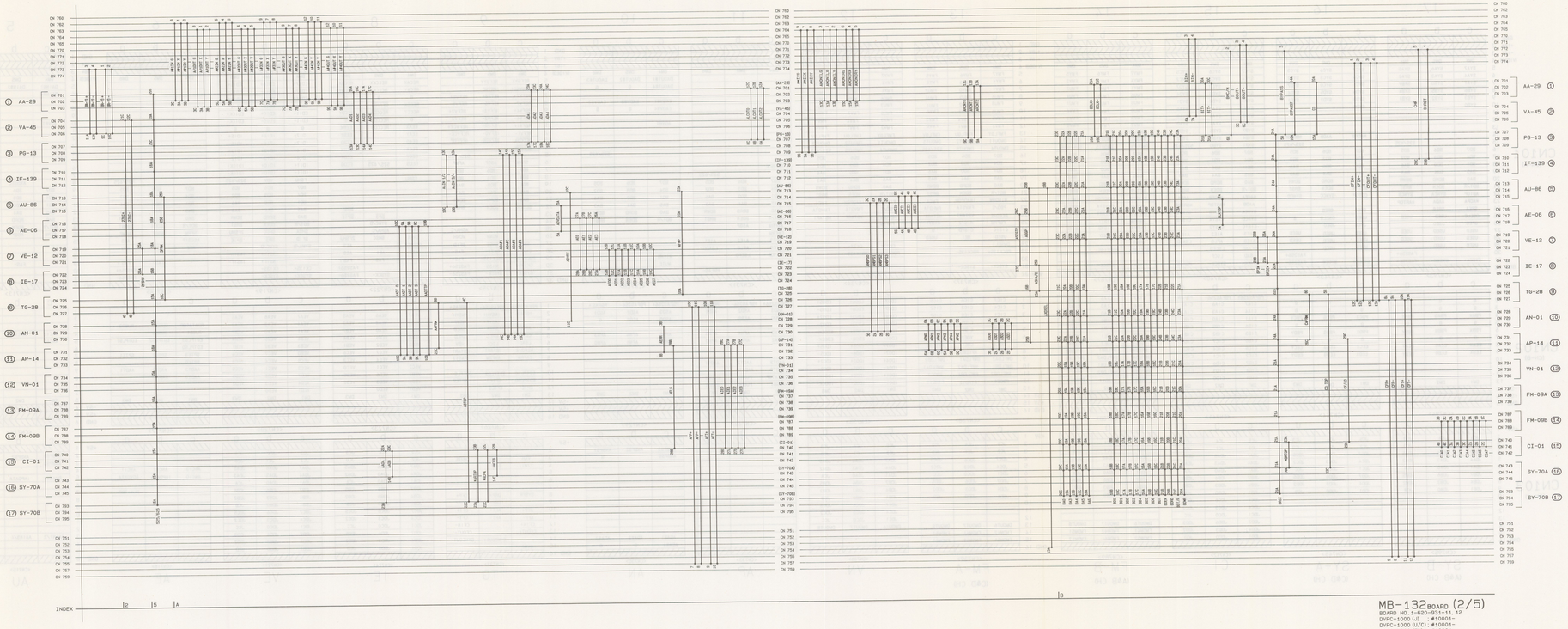


MB-132 BOARD (1/5)
BOARD NO.1-620-931-11, 12
DVPC-1000 (J) ; #1000-
DVPC-1000 (U/C) ; #1000-
DVPC-1000 (EK) ; #1000-

MB-132 (2/5) BOARD CARD RACK

MB-132 BOARD (2/5)

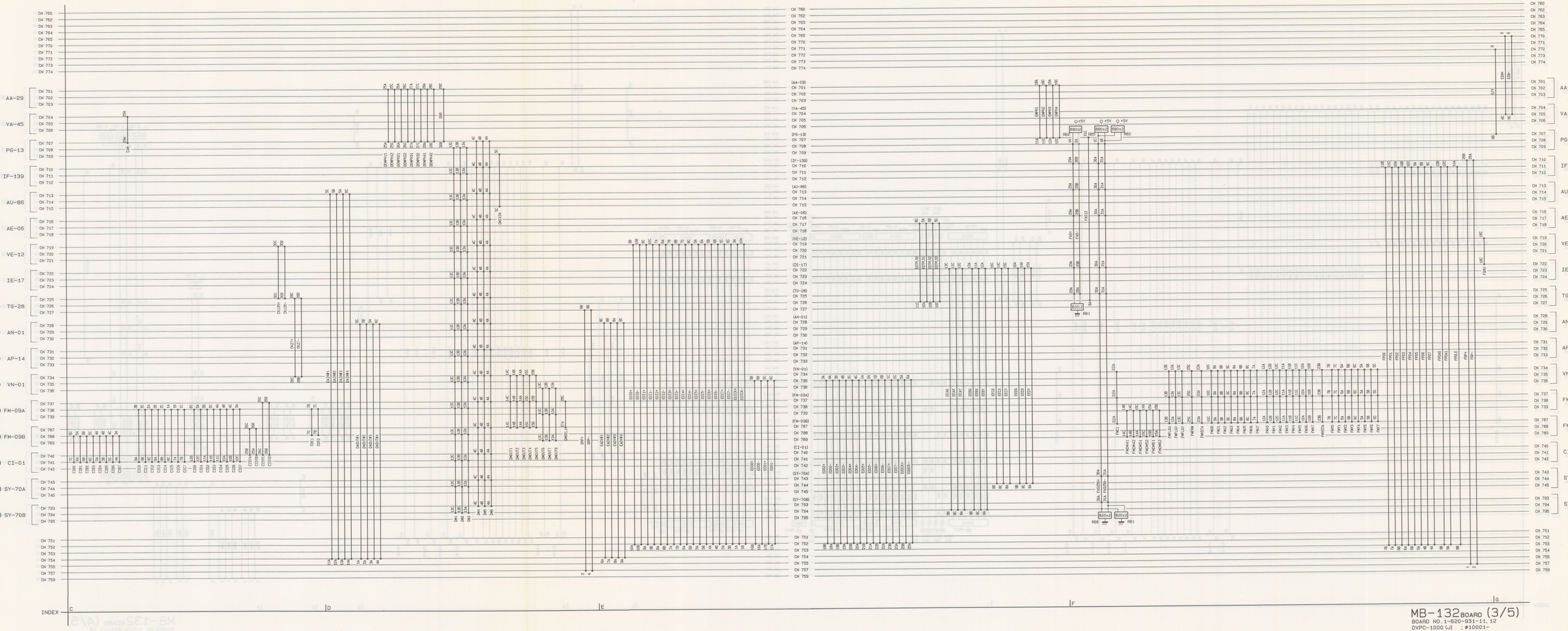
Mother Board



CARD RACK MB-132 (2/5) BOARD

MB-132 (2/5) BOARD CARD RACK

MB-132 BOARD (2/5)
BOARD NO.1-620-931-11,12
DVPC-1000 (J/I) : #10001-
DVPC-1000 (U/C) : #10001-
DVPC-1000 (EX) : #10001-



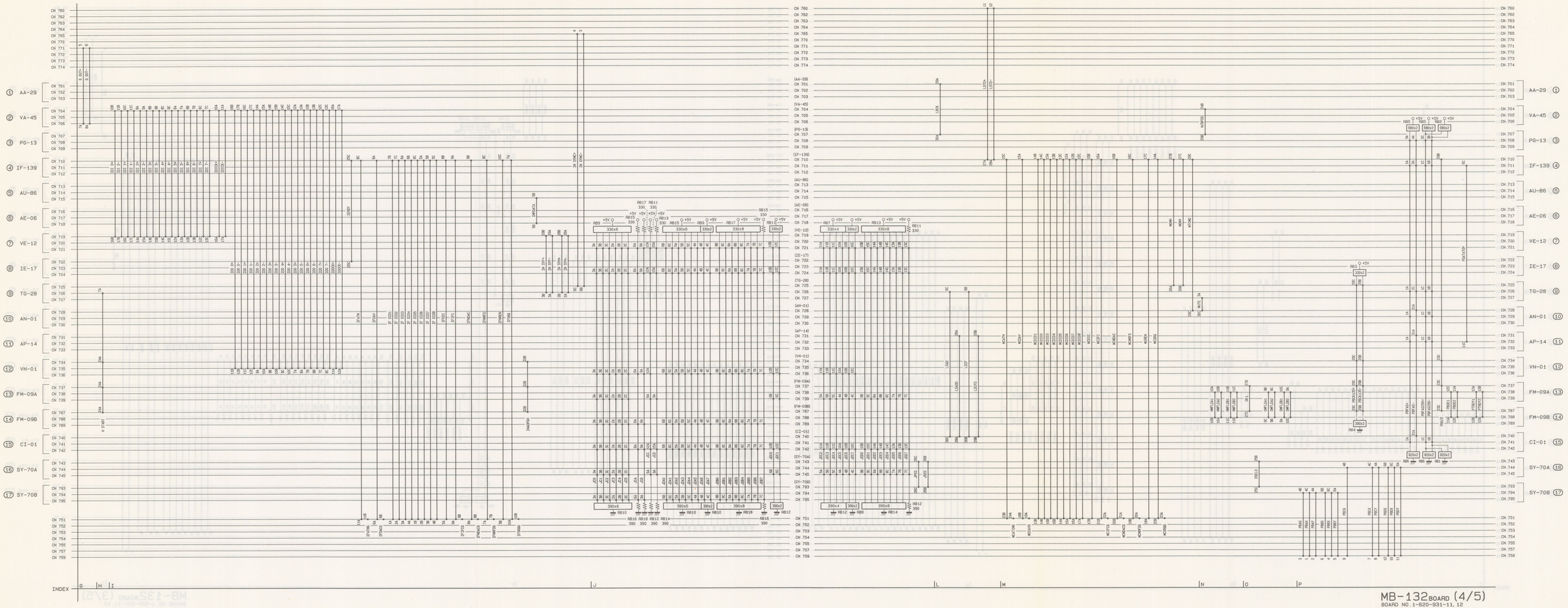
MB-132 BOARD (3/5)
BOARD NO. 1-820-931-11, 12
DVPC-1000 (J) : #10001-
DVPC-1000 (U/C) : #10001-
DVPC-1000 (EK) : #10001-

CARD RACK MB-132 (4/5) BOARD

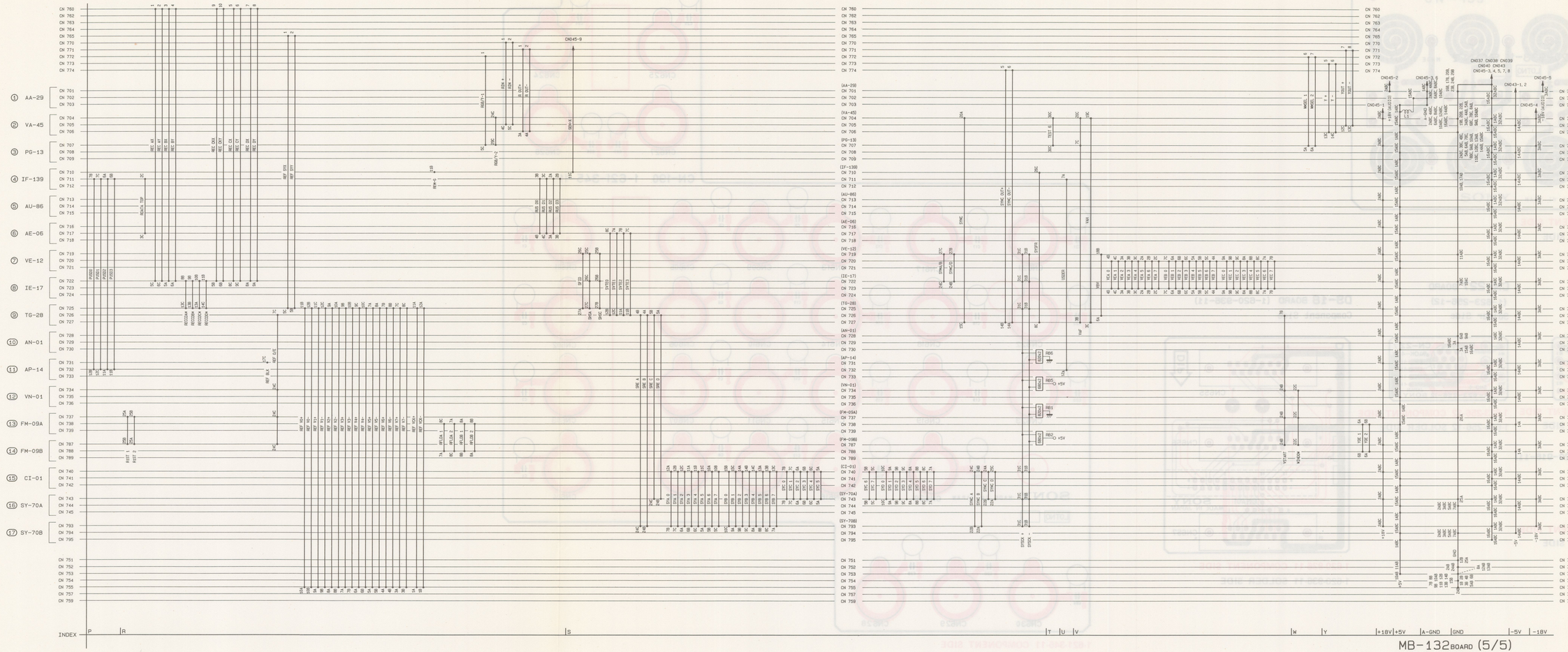
MB-132 (4/5) BOARD CARD RACK

MB-132 BOARD (4/5)

Mother Board



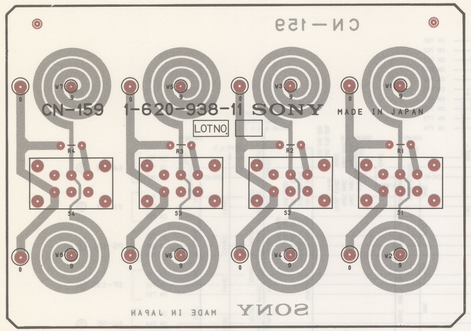
MB-132 BOARD (4/5)
BOARD NO. 1-620-931-11, 12
DVPC-1000 (J) : #10001-
DVPC-1000 (U/CI) : #10001-
DVPC-1000 (EK) : #10001-



MB-132 BOARD (5/5)
BOARD NO.1-620-931-11, 12
DVPC-1000 (J) ; #10001-
DVPC-1000 (U/C) ; #10001-
DVPC-1000 (EK) ; #10001-

CN-159 BOARD (1-620-938-11)

Component Side



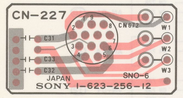
1-620-938-11 COMPONENT SIDE

1-620-938-11 SOLDER SIDE

CN-227 BOARD

(1-623-256-12)

Component Side



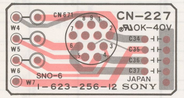
1-623-256-12 COMPONENT SIDE

1-623-256-12 SOLDER SIDE

CN-227 BOARD

(1-623-256-12)

Solder Side

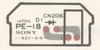


1-623-256-12 COMPONENT SIDE

1-623-256-12 SOLDER SIDE

PE-18 BOARD (1-620-916-11)

Component Side

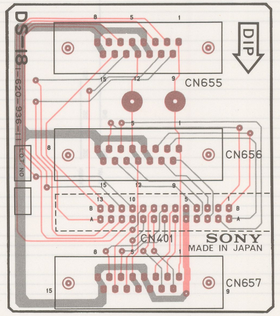


1-620-916-11 COMPONENT SIDE

1-620-916-11 SOLDER SIDE

DS-18 BOARD (1-620-936-11)

Component Side

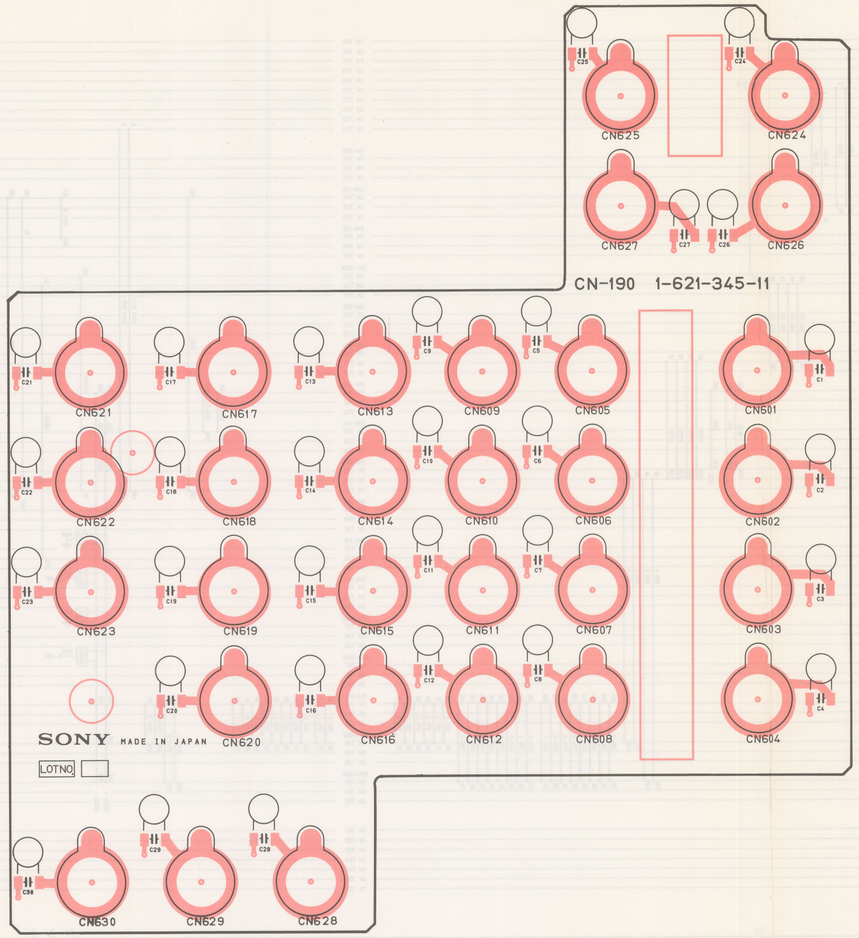


1-620-936-11 COMPONENT SIDE

1-620-936-11 SOLDER SIDE

CN-190 BOARD (1-621-345-11)

Component Side



1-621-345-11 COMPONENT SIDE

FRAME WIRING CN-159, CN-190
CN-227, DS-18, PE-18

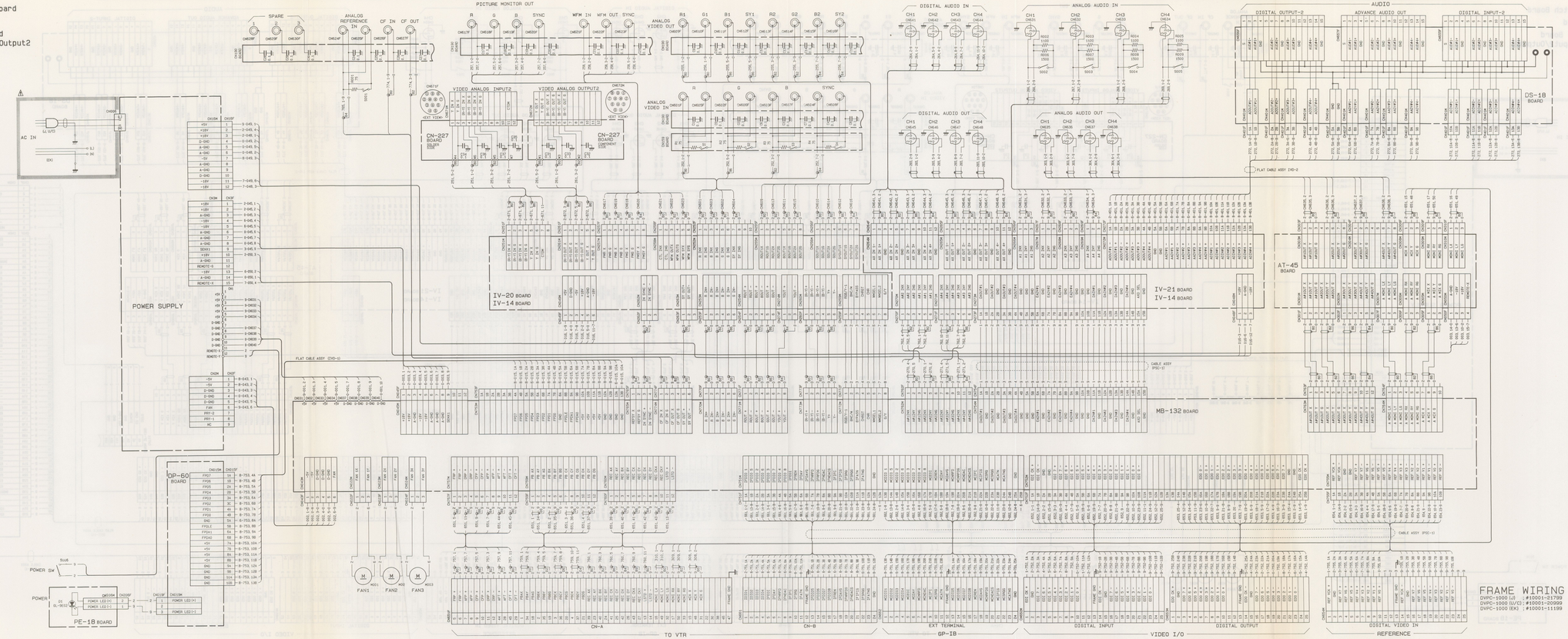
CN-159, CN-190,
CN-227, DS-18, PE-18 FRAME WIRING

FRAME WIRING CN-159, CN-190
CN-227, DS-18, PE-18

FRAME WIRING

CN-159	BOARD	; 75Ω ON/OFF Switch Board
CN-190	BOARD	; Terminater Board
CN-227	BOARD	; Multi Connector Board Video Analog Input2/Output2
DS-18	BOARD	; D-SUB Board
PE-18	BOARD	; Power Indicator

#10001 TO 21799(J)
#10001 TO 20999(UC)
#10001 TO 11199(EK)



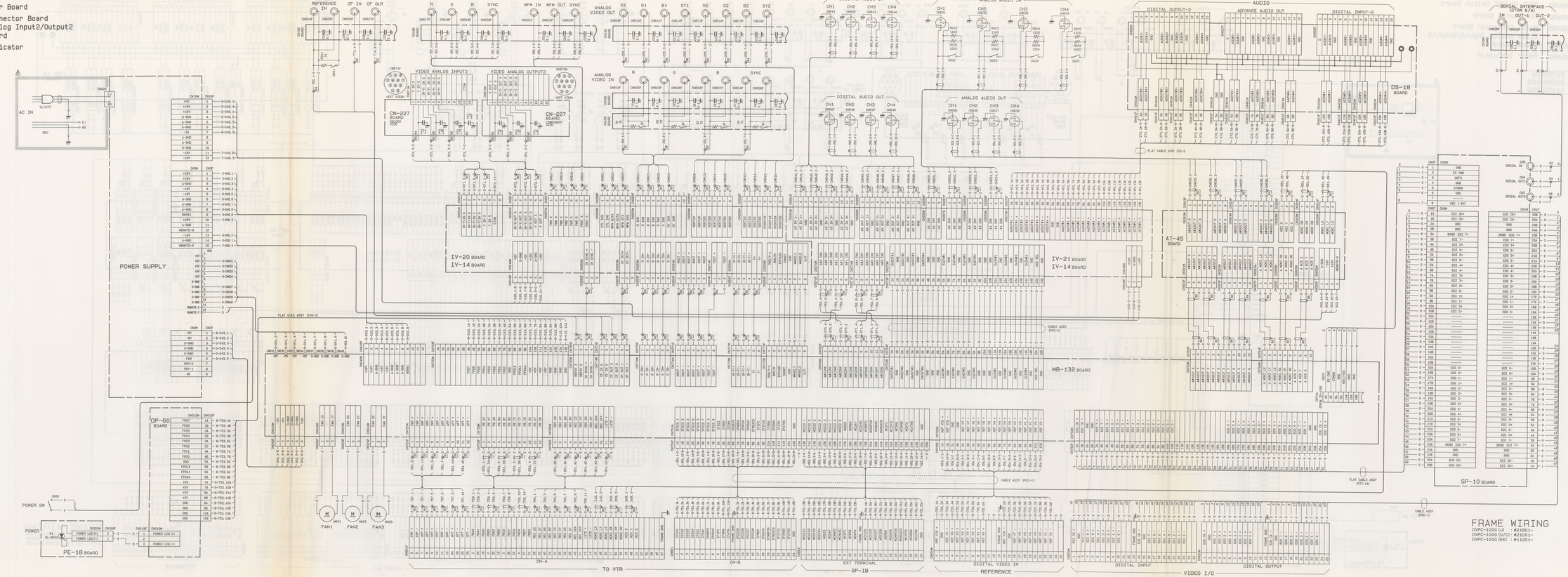
FRAME WIRING
DVPC-1000 (J) ;#10001-21799
DVPC-1000 (U/C) ;#10001-20999
DVPC-1000 (EK) ;#10001-11199

FRAME WIRING CN-159, CN-190
CN-227, DS-18, PE-18

FRAME WIRING

CN-159	BOARD	;75Ω ON/OFF Switch Board
CN-190	BOARD	;Terminater Board
CN-227	BOARD	;Multi Connector Board Video Analog Input2/Output2
DS-18	BOARD	;D-SUB Board
PE-18	BOARD	;Power Indicator

#21801 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)



FRAME WIRING
DVPC-1000 LJ : #21801-
DVPC-1000 (UC) : #21001-
DVPC-1000 (EK) : #11201-

SECTION C
SEMICONDUCTOR PIN ASSIGNMENTS

この章の図の中には互換性のないダイオード，トランジスタ，ICが併記されていることがあります。部品を交換するときには必ず部品表を参照して下さい。

等価回路はICメーカーのData Bookに従いました。

The chart in this section may sometimes show diodes, transistors, and ICs that are not interchangeable. When replacing a component, be sure to refer to the parts list.

The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

TYPE	PAGE
10E-2	C-3
1S1555	C-3
1S1587	C-3
1S2076	C-3
1S2473	C-3
1SS119	C-3
1SS120	C-3
1SS133	C-3
1SS148	C-3
1SS97-2	C-3
1SZ51	C-3
2SA1005	C-3
2SA1015	C-3
2SA1048	C-3
2SA1115	C-3
2SA1206	C-3
2SA1220A	C-3
2SA1223	C-3
2SA564	C-3
2SA715	C-3
2SA733	C-3
2SA812	C-3
2SA872	C-3
2SA872A	C-3
2SA933S	C-3
2SA995	C-3
2SB757	C-3
2SC1162	C-3
2SC1623	C-3
2SC1733	C-3
2SC1740S	C-3
2SC1775	C-3
2SC1775A	C-3
2SC1815	C-3
2SC2216	C-3
2SC2458	C-3
2SC2603	C-3
2SC2690A	C-3
2SC2724	C-3
2SC2878	C-3
2SC3068	C-3
2SC634-SP7	C-3
2SD847	C-3
2SD998	C-3
2SK152	C-3
2SK523-L1	C-3
74F00PC	C-4
74F04PC	C-4
74F08PC	C-4
74F138PC	C-4
74F158PC	C-5
74F163APC	C-6
74F240PC	C-7
74F241PC	C-7
74F244PC	C-7
74F253PC	C-7
74F283PC	C-7
74F32PC	C-7
74F353PC	C-8
74F374PC	C-8
74F399PC	C-8
74F534PC	C-8
74F74PC	C-8
74F86PC	C-8

TYPE	PAGE
AM26LS31CN	C-9
AM26LS31PC	C-9
AM26LS32AC	C-9
AM26LS32PC	C-9
AM2966PC	C-9
AM686HC	C-9
AN7815	C-9
AN78L05	C-10
AN78L08	C-10
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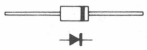

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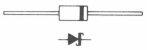

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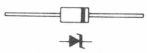

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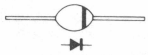

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DSA1C?

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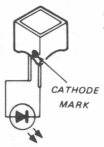
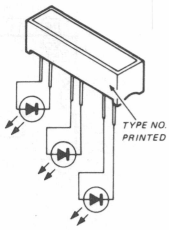
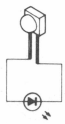
FC54M



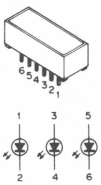
LD-101MG ; GREEN
LD-101VR ; RED



LD-701GG ; GREEN

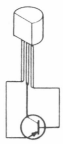


LN25RP ; RED
LN35BP ; GREEN
LN45YP ; AMBER



LT9010D ; RED
LT9010N2 ; YELLOWISH GREEN

TLG124A ; GREEN
TLR124 ; RED



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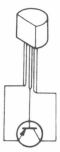

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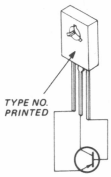

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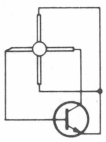

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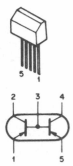

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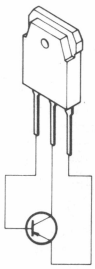

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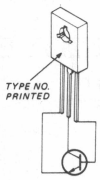

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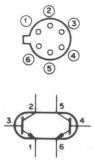
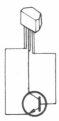
2SC2690A

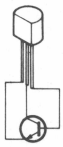
BOTTOM VIEW



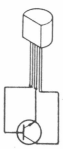
2SC1733



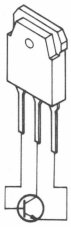
2SC1740S
2SC2458
2SC2603
2SC2724
2SC634SP



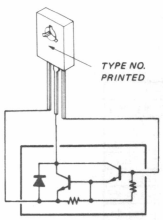
2SC1775
2SC1775A
2SC1815
2SC2878
2SC3068



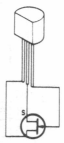
2SC2216



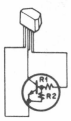
2SD847



2SD998

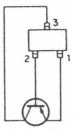


2SK152
2SK523



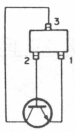
DTC124ES (R1=22K, R2=22K)

TOP VIEW (SCALE 4/1)



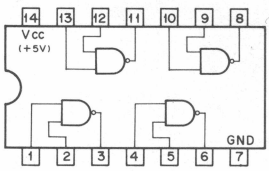
2SA812

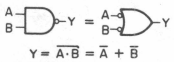
TOP VIEW (SCALE 4/1)



2SC1623

74F00PC (FSC)
HD74ALS00P (HITACHI)
HD74LS00P (HITACHI)
M53200P (MITSUBISHI)
M74LS00P (MITSUBISHI)
MB74LS00 (FUJITSU)
MC74F00N (MOTOROLA)
N74F00N (SIGNETICS)
SN7400N (TI)
SN74ALS00AN (TI)
SN74ALS00N (TI)
SN74AS00N (TI)
SN74LS00N (TI)
SN74LS00NS (TI) FLAT PACKAGE
SN74S00N (TI)
SN74S00NS (TI) FLAT PACKAGE
TTL 2-INPUT POSITIVE-NAND GATE
— TOP VIEW —



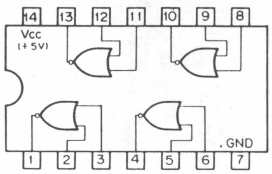


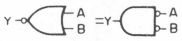
$Y = \overline{A \cdot B} = \overline{A} + \overline{B}$

A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0; LOW LEVEL
1; HIGH LEVEL

74F02PC (FSC)
HD74LS02P (HITACHI)
M53202P (MITSUBISHI)
M74LS02P (MITSUBISHI)
MB74LS02 (FUJITSU)
MC74F02N (MOTOROLA)
N74F02N (SIGNETICS)
SN7402N (TI)
SN74ALS02N (TI)
SN74ALS02NS (TI) FLAT PACKAGE
SN74AS02N (TI)
SN74LS02N (TI)
SN74S02N (TI)
TTL 2-INPUT POSITIVE-NOR GATE
— TOP VIEW —



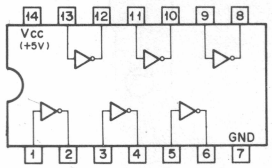


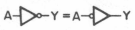
$Y = \overline{A + B} = \overline{A} \cdot \overline{B}$

A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0: LOW LEVEL
1; HIGH LEVEL

74F04PC (FSC)
HD74LS04P (HITACHI)
M53204P (MITSUBISHI)
M74LS04P (MITSUBISHI)
MB74LS04 (FUJITSU)
MC74F04N (MOTOROLA)
N74F04N (SIGNETICS)
SN7404N (TI)
SN74ALS04AN (TI)
SN74ALS04BN
SN74ALS04N (TI)
SN74AS04N (TI)
SN74L04N (TI)
SN74LS04N (TI)
SN74LS04NS (TI) FLAT PACKAGE
SN74S04N (TI)
TTL INVERTER
— TOP VIEW —



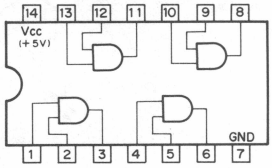


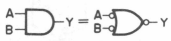
$Y = \overline{A}$

A	Y
0	1
1	0

0; LOW LEVEL
1; HIGH LEVEL

74F08PC (FSC)
HD74LS08N (HITACHI)
HD74LS08P (HITACHI)
M74LS08P (MITSUBISHI)
MB74LS08 (FUJITSU)
MC74F08N (MOTOROLA)
N74F08N (SIGNETICS)
SN7408N (TI)
SN74ALS08N (TI)
SN74AS08N (TI)
SN74LS08N (TI)
SN74S08N (TI)
TTL 2-INPUT POSITIVE-AND GATE
— TOP VIEW —



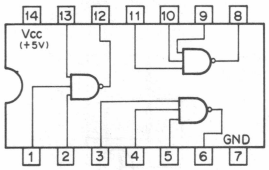


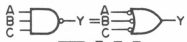
$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0; LOW LEVEL
1; HIGH LEVEL

74F10PC (FSC)
HD74LS10P (HITACHI)
M74LS10P (MITSUBISHI)
MB74LS10 (FUJITSU)
MC74F10N (MOTOROLA)
SN7410N (TI)
SN74ALS10N (TI)
SN74AS10N (TI)
SN74L10N (TI)
SN74LS10N (TI)
SN74S10N (TI)
TTL 3-INPUT POSITIVE NAND GATE
— TOP VIEW —



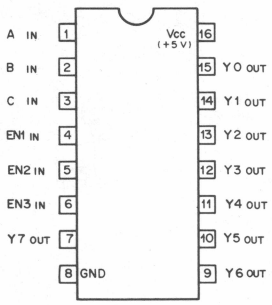


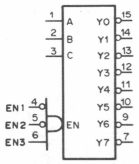
$Y = \overline{ABC} = \overline{A} + \overline{B} + \overline{C}$

A	B	C	Y
0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

74F138PC (FSC)
HD74LS138P (HITACHI)
M74LS138P (MITSUBISHI)
MB74LS138 (FUJITSU)
MC74F138PC (MOTOLORA)
N74F138N (SIGNETICS)
SN74ALS138N (TI)
SN74AS138N (TI)
SN74LS138N (TI)
SN74S138N (TI)
TTL 3-TO-8-LINE DECODER/DEMULTIPLEXER
— TOP VIEW —



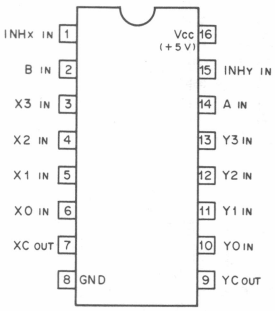


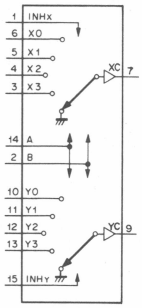
INPUTS				OUTPUTS							
EN	C	B	A	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
0	X	X	X	1	1	1	1	1	1	1	1
1	0	0	0	1	1	1	1	1	1	1	0
1	0	0	1	1	1	1	1	1	1	0	1
1	0	1	0	1	1	1	1	1	0	1	1
1	0	1	1	1	1	1	1	0	1	1	1
1	1	0	0	1	1	1	0	1	1	1	1
1	1	0	1	1	1	0	1	1	1	1	1
1	1	1	0	1	0	1	1	1	1	1	1
1	1	1	1	0	1	1	1	1	1	1	1

$EN = \overline{EN1} \cdot \overline{EN2} \cdot EN3$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

74F153PC (FSC)
HD74LS153P (HITACHI)
M74LS153P (MITSUBISHI)
MB74LS153 (FUJITSU)
MC74F153N (MOTOROLA)
SN74153N (TI)
SN74ALS153N (TI)
SN74ALS153NS (TI) FLAT PACKAGE
SN74L153N (TI)
SN74LS153N (TI)
SN74S153N (TI)
TTL 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

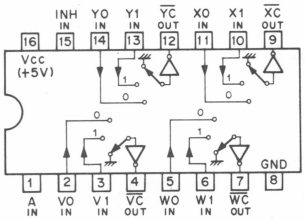


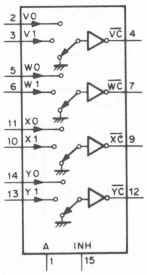


CONTROL IN			ON CHANNEL
INH	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

74F158PC (FSC)
HD74LS158P (HITACHI)
MB74LS158 (FUJITSU)
MC74F158N (MOTOROLA)
N74F158N (SIGNETICS)
SN74LS158N (TI)
SN74S158N (TI)
TTL 2-LINE-TO-1-LINE INVERTED DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

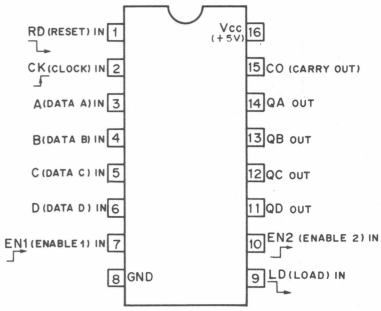


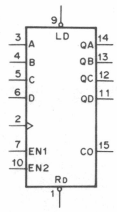


CONT. IN		ON CHANNEL
INH	A	
0	0	0
0	1	1
1	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

74F161APC (FSC)
HD74LS161P (HITACHI)
M74LS161AP (MITSUBISHI)
MB74LS161A (FUJITSU)
SN74161N (TI)
SN74ALS161AN (TI)
SN74ALS161BN (TI)
SN74LS161AN (TI)
TTL PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER
— TOP VIEW —



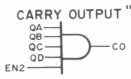


MODE SELECTION

CONTROL INPUTS				MODE
RD	LD	EN1	EN2	
0	X	X	X	RESET (ASYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

CARRY OUTPUT "CO"

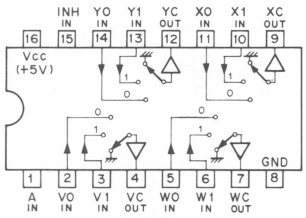


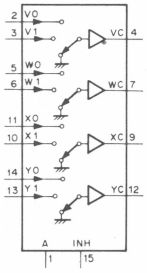
CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

COUNT SEQUENCE

COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

74F157PC (FSC)
HD74LS157P (HITACHI)
M74LS157P (MITSUBISHI)
MB74LS157 (FUJITSU)
MC74F157N (MOTOROLA)
N74F157N (SIGNETICS)
SN74157N (TI)
SN74ALS157N (TI)
SN74AS157N (TI)
SN74L157N (TI)
SN74LS157N (TI)
SN74LS157NS (TI) FLAT PACKAGE
SN74S157N (TI)
TTL 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

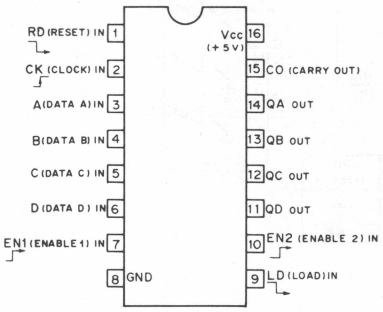


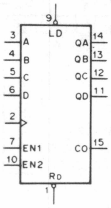


CONT. IN		ON CHANNEL
INH	A	
0	0	0
0	1	1
1	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

74F163PC (FSC)
74F163APC (FSC)
HD74LS163P (HITACHI)
M74LS163P (MITSUBISHI)
MB74LS163A (FUJITSU)
SN74163N (TI)
SN74ALS163AN (TI)
SN74ALS163N (TI)
SN74AS163N (TI)
SN74LS163AN (TI)
SN74LS163ANS (TI) FLAT PACKAGE
SN74S163N (TI)
TTL PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER
— TOP VIEW —





MODE SELECTION

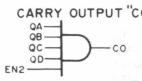
CONTROL INPUTS				MODE
RD	LD	EN1	EN2	
0	X	X	X	RESET (SYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE

COUNT SEQUENCE

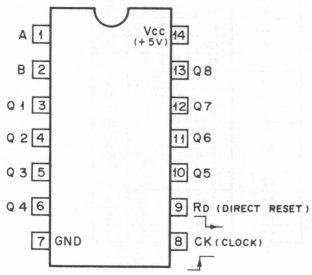
COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

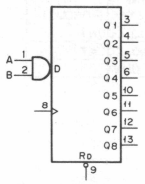
CARRY OUTPUT "CO"



CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

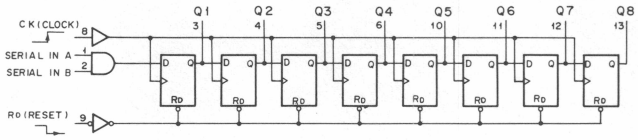
74F164PC (FSC)
HD74LS164P (HITACHI)
MB74LS164 (FUJITSU)
SN74164N (TI)
SN74L164N (TI)
SN74LS164N (TI)
SN74LS164NS (TI) FLAT PACKAGE
TTL 8-BIT PARALLEL-OUT SERIAL SHIFT REGISTER
— TOP VIEW —



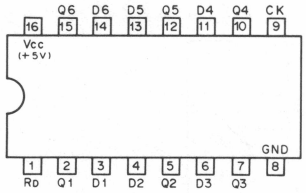


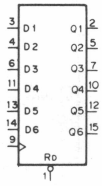
INPUTS				OUTPUTS			
RD	CK	A	B	Q1	Q2	----	Q8
0	X	X	X	0	0	0	0
1	0	X	X	Q1o	Q2o	----	Q8o
1	↑	1	1	1	Q1n	----	Q7n
1	↑	0	X	0	Q1n	----	Q7n
1	↑	X	0	0	Q1n	----	Q7n

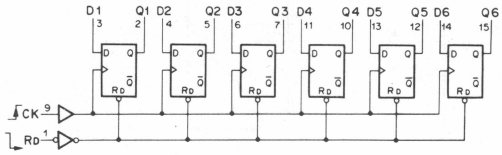
0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE



74F174PC (FSC)
HD74LS174P (HITACHI)
M74LS174P (MITSUBISHI)
MB74LS174 (FUJITSU)
MC74F174N (MOTOROLA)
SN74174N (TI)
SN74ALS174N (TI)
SN74LS174N (TI)
SN74S174N (TI)
TTL D-TYPE FLIP-FLOP WITH DIRECT RESET
— TOP VIEW —





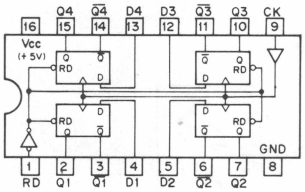


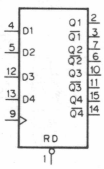
EACH FLIP-FLOP

INPUTS			OUT
RD	CK	D	Q
0	X	X	0
1	↑	0	0
1	↑	1	1
1	0	X	Qo

0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE

74F175PC (FSC)
HD74LS175P (HITACHI)
M74LS175P (MITSUBISHI)
MB74LS175 (FUJITSU)
MC74F175N (MOTOROLA)
SN74175N (TI)
SN74ALS175N (TI)
SN74ALS175NS (TI) FLAT PACKAGE
SN74AS175N (TI)
SN74LS175N (TI)
SN74S175N (TI)
TTL D-TYPE FLIP-FLOP WITH CLEAR
— TOP VIEW —

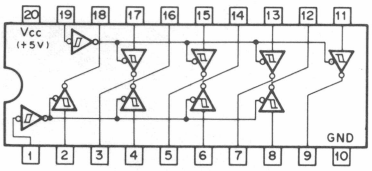




RD	CK	D	Q	Q̄
0	X	X	0	1
1	↑	1	1	0
1	↑	0	0	1
1	0	X	Qo	Q̄o

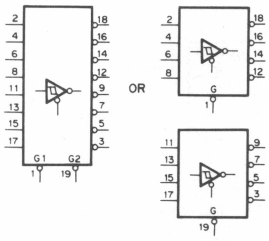
0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE

74F240PC (FSC)
HD74LS240P (HITACHI)
N74F240N (SIGNETICS)
SN74ALS240AN (TI)
SN74ALS240-1N (TI)
SN74AS240N (TI)
SN74LS240N (TI)
SN74S240N (TI)
TTL 3-STATE SCHMITT TRIGGER INVERTER/LINE DRIVER
— TOP VIEW —

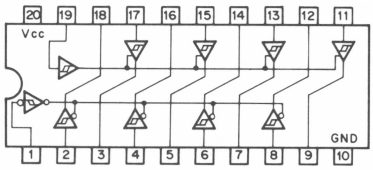


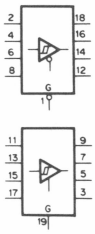
G	A	Y
0	0	1
0	1	0
1	X	HI-Z

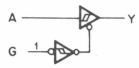
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



74F241PC (FSC)
HD74LS241P (HITACHI)
SN74ALS241AN (TI)
SN74AS241N (TI)
SN74LS241N (TI)
SN74S241N (TI)
TTL 3-STATE SCHMITT TRIGGER BUFFER/LINE DRIVER
— TOP VIEW —

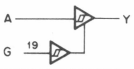






G	A	Y
0	0	0
0	1	1
1	0	HI-Z
1	1	HI-Z

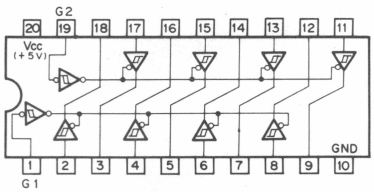
HI-Z ;
HIGH IMPEDANCE



G	A	Y
0	0	HI-Z
0	1	HI-Z
1	0	0
1	1	1

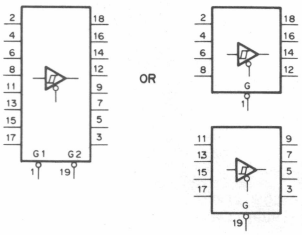
HI-Z ;
HIGH IMPEDANCE

74F244PC (FSC)
HD74LS244P (HITACHI)
M74LS244P (MITSUBISHI)
MB74LS244 (FUJITSU)
N74F244N (SIGNETICS)
SN74ALS244AN (TI)
SN74LS244N (TI)
TTL 3-STATE SCHMITT TRIGGER BUFFER/DRIVER
— TOP VIEW —

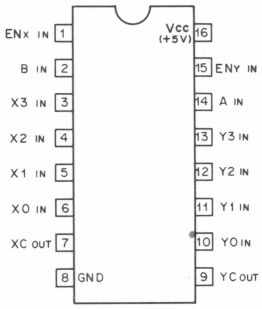


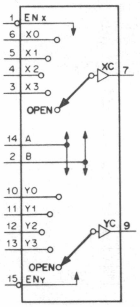
G	A	Y
0	0	0
0	1	1
1	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



74F253PC (FSC)
HD74LS253P (HITACHI)
M74LS253P (MITSUBISHI)
MB74LS253 (FUJITSU)
SN74LS253N (TI)
TTL 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

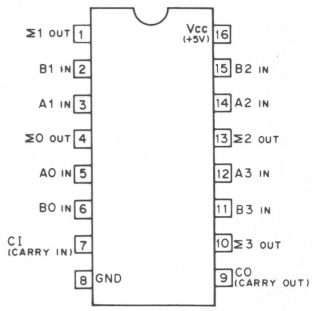


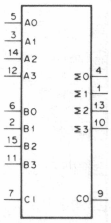


CONTROL IN			ON CHANNEL
EN	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

74F283PC (FSC)
HD74LS283P (HITACHI)
MB74LS283 (FUJITSU)
SN74283N (TI)
SN74LS283N (TI)
SN74S283N (TI)
TTL 4-BIT BINARY FULL ADDER
— TOP VIEW —

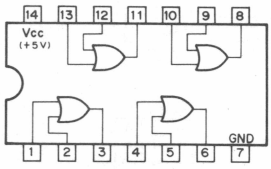


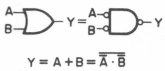


2^4	2^3	2^2	2^1	2^0	DIGIT
				CI	CARRY IN
	A3	A2	A1	A0	DATA A IN
+	B3	B2	B1	B0	DATA B IN
CO	Σ3	Σ2	Σ1	Σ0	CARRY&SUM OUT

EX.				1	CI
	1	0	1	1	A
+	1	0	1	0	B
1	0	1	1	0	OUTPUTS
CO	Σ3	Σ2	Σ1	Σ0	

74F32PC (FSC)
HD74LS32P (HITACHI)
M74LS32P (MITSUBISHI)
MB74LS32 (FUJITSU)
MC74F32N (MOTOROLA)
N74F32N (SIGNETICS)
SN7432N (TI)
SN74ALS32NS (TI) FLAT PACKAGE
SN74ALS32N (TI)
SN74AS32N (TI)
SN74LS32N (TI)
SN74S32N (TI)
TTL 2-INPUT POSITIVE-OR GATE
— TOP VIEW —



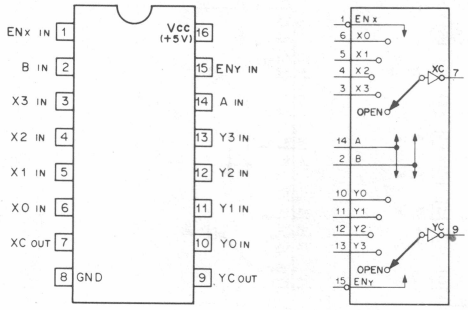


$Y = A + B = \overline{\overline{A} \cdot \overline{B}}$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

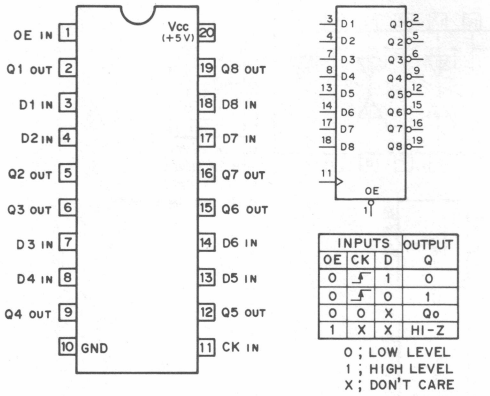
74F353PC (FSC)
TTL 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —



CONTROL IN			ON CHANNEL
EN	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	OPEN

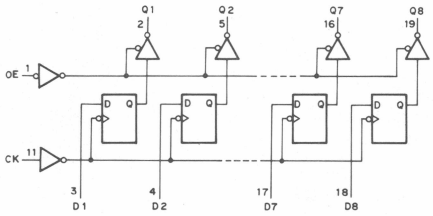
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

74F534PC (FSC)
N74F534N (SIGNETICS)
MC74F534N (MOTOROLA)
SN74ALS534N (TI)
TTL D-TYPE EDGE-TRIGGERED FLIP-FLOPS WITH 3-STATE OUTPUTS
— TOP VIEW —

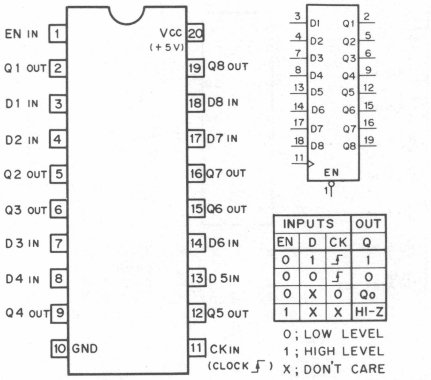


INPUTS			OUTPUT
OE	CK	D	Q
0	↑	1	0
0	↑	0	1
0	0	X	Qo
1	X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

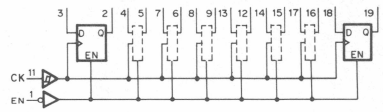


74F374PC (FSC)
HD74LS374P (HITACHI)
M74LS374P (MITSUBISHI)
MC74F374N (MOTOROLA)
N74F374N (SIGNETICS)
SN74ALS374N (TI)
SN74AS374N (TI)
SN74LS374N (TI)
SN74S374N (TI)
TTL 3-STATE OUTPUTS OCTAL D-TYPE FLIP-FLOP
— TOP VIEW —

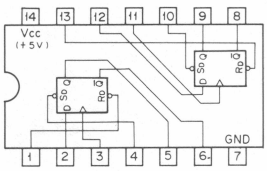


INPUTS			OUT
EN	D	CK	Q
0	1	↑	1
0	0	↑	0
0	X	0	Qo
1	X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



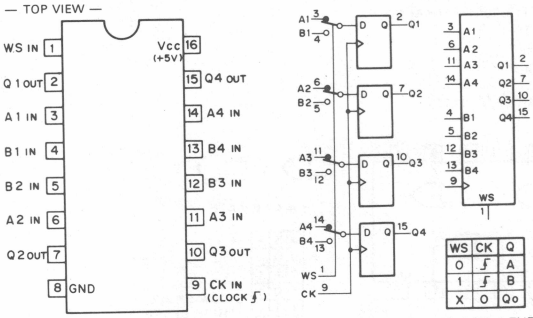
74F74PC (FSC)
HD74LS74AP (HITACHI)
HD74LS74P (HITACHI)
M53274P (MITSUBISHI)
M74LS74AP (MITSUBISHI)
MB74LS74A (FUJITSU)
MC74F74N (MOTOROLA)
SN7474N (TI)
SN74ALS74AN (TI)
SN74ALS74N (TI)
SN74AS74N (TI)
SN74H74N (TI)
SN74L74N (TI)
SN74LS74AN (TI)
SN74LS74ANS (TI) FLAT PACKAGE
SN74S74N (TI)
TTL D-TYPE FLIP FLOP WITH DIRECT SET/RESET
— TOP VIEW —



INPUTS				OUTPUTS	
Sd	Rd	CK	D	Qn+1	$\overline{Qn+1}$
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1*	1*
1	1	↑	1	1	0
1	1	↑	0	0	1
1	1	0	X	Qn	$\overline{Qn}$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
1* ; NONSTABLE

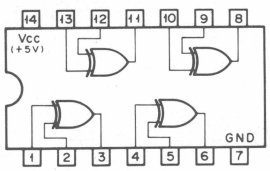
74F399PC (FSC)
SN74LS399N (TI)
TTL QUAD 2-INPUT MULTIPLEXER WITH STORAGE
— TOP VIEW —



WS	CK	Q
0	↑	A
1	↑	B
X	0	Qo

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

74F86PC (FSC)
HD74LS86P (HITACHI)
M74LS86P (MITSUBISHI)
MB74LS86 (FUJITSU)
MC74F86N (MOTOROLA)
N74F86N (SIGNETICS)
SN7486N (TI)
SN74ALS86N (TI)
SN74LS86N (TI)
SN74S86N (TI)
TTL EXCLUSIVE OR GATE
— TOP VIEW —

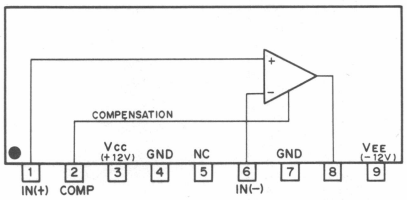


$Y = \overline{A} \cdot B + A \cdot \overline{B}$

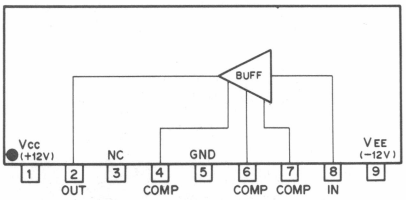
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

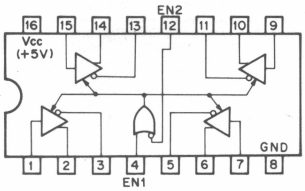
A7015
BX365A (SONY)
VIDEO AMPLIFIER
— SIDE VIEW —



A7021
BX366A (SONY)
VIDEO BUFFER
— SIDE VIEW —



AM26LS31CN (TI)
AM26LS31PC (ADVANCED MICRO DEVICE)
HIGH SPEED DIFFERENTIAL LINE DRIVER
— TOP VIEW —

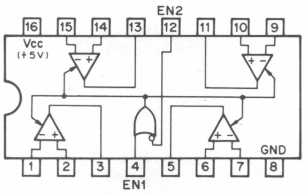


FUNCTION TABLE

EN2	EN1	OUTPUT
0	0	ENABLE
0	1	ENABLE
1	0	HI-Z
1	1	ENABLE

0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE

AM26LS32ACN (TI)
AM26LS32PC (ADVANCED MICRO DEVICES)
AM26LS33PC (ADVANCED MICRO DEVICES)
HIGH SPEED DIFFERENTIAL LINE RECEIVER
— TOP VIEW —



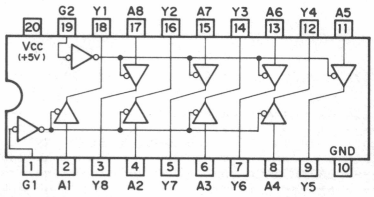
FUNCTION TABLE

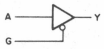
EN2	EN1	OUTPUT
0	0	ENABLE
0	1	ENABLE
1	0	HI-Z
1	1	ENABLE

0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE

	SENSE	INPUT VOLT
LS32	±200mV	±7V
LS33	±500mV	±15V

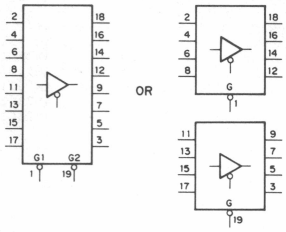
AM2966PC (ADVANCED MICRO DEVICE)
DYNAMIC MEMORY DRIVERS WITH 3-STATE OUTPUT
— TOP VIEW —



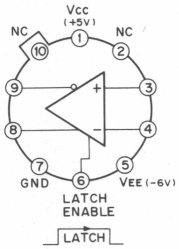


G	A	Y
1	X	HI-Z
0	0	0
0	1	1

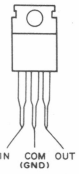
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

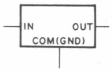


AM686HC (ADVANCED MICRO DEVICE)
VOLTAGE COMPARATOR
— TOP VIEW —



AN78 ? ? (MATSUSHITA)
FS78 ? ? (SANKEN)
HA178 ? ?P (HITACHI)
L78 ? ? (SANYO)
NJM78 ? ?A (JRC)
NJM78 ? ?B (JRC)
NJM78 ? ?K (JRC)
TA78 ? ? ?P (TOSHIBA)
TA78 ? ? ?AP (TOSHIBA)
uA78 ? ?UC (FSC)
uPC143 ? ?H (NEC)
uPC78 ? ?H (NEC)
POSITIVE VOLTAGE REGULATOR (1A)
— SIDE VIEW —

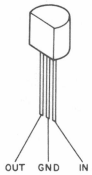




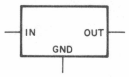
OUTPUT VOLTAGE	AN78??	FS78??	HA178??P	L78??	NJM78??B	NJM78??A/K
+5V	AN7805	FS7805	HA17805P	L7805	--------	NJM7805A/K
+6V	AN7806	------	HA17806P	-----	--------	NJM7806A/K
+7V	AN7807	------	HA17807P	L7807	--------	----------
+8V	AN7808	------	HA17808P	-----	--------	NJM7808A/K
+8.5V	------	------	--------	-----	--------	----------
+9V	AN7809	------	--------	-----	--------	NJM7809A/K
+10V	AN7810	------	--------	-----	--------	----------
+12V	AN7812	FS7812	HA17812P	-----	NJM7812B	NJM7812A/K
+15V	AN7815	FS7815	HA17815P	-----	--------	NJM7815A/K
+18V	AN7818	------	HA17818P	-----	--------	NJM7818A/K
+20V	AN7820	------	--------	-----	--------	NJM7820A/K
+24V	AN7824	FS7824	HA17824P	-----	--------	NJM7824A/K

OUTPUT VOLTAGE	uA78??UC	uPC143??H	uPC78??H	TA78???P/AP
+5V	uA7805UC	uPC14305H	uPC7805H	TA78005P/AP
+6V	uA7806UC	---------	--------	TA78006P/AP
+7V	--------	---------	--------	---------
+8V	uA7808UC	uPC14308H	uPC7808H	TA78008P/AP
+8.5V	uA7885UC	---------	--------	---------
+9V	--------	---------	--------	TA78009P/AP
+10V	--------	---------	--------	TA78010P/AP
+12V	uA7812UC	uPC14312H	uPC7812H	TA78012P/AP
+15V	uA7815UC	uPC14315H	uPC7815H	TA78015P/AP
+18V	uA7818UC	uPC14318H	uPC7818H	TA78018P/AP
+20V	--------	---------	--------	TA78020P/AP
+24V	uA7824UC	uPC14324H	uPC7824H	TA78024P/AP

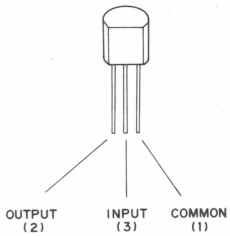
AN78L ? ? (MATSUSHITA)
NJM78L ? ?A (NEC)
uA78L ? ?ACL (TI)
uA78L ? ?AWV (FSC)
uPC78L ? ?J(NEC)
POSITIVE VOLTAGE REGULATOR (100mA)



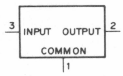
OUTPUT VOLTAGE	NJM78L??A	uA78L??ACL	uA78L??AWV	uPC78L??J	AN78L??
+2.6V	NJM78L02A	uA78L02ACL	uA78L26AWV	---------	-------
+4V	---------	----------	----------	---------	AN78L04
+5V	NJM78L05A	uA78L05ACL	uA78L05AWV	uPC78L05J	AN78L05
+6V	NJM78L06A	----------	----------	---------	AN78L06
+6.2V	---------	uA78L06ACL	uA78L62AWV	---------	-------
+7V	---------	----------	----------	---------	AN78L07
+8V	NJM78L08A	uA78L08ACL	----------	uPC78L08J	AN78L08
+8.2V	---------	----------	uA78L82AWV	---------	-------
+9V	NJM78L09A	uA78L09ACL	uA78L09AWV	---------	AN78L09
+10V	---------	uA78L10ACL	----------	uPC78L10J	AN78L10
+12V	NJM78L12A	uA78L12ACL	uA78L12AWV	uPC78L12J	AN78L12
+15V	NJM78L15A	uA78L15ACL	uA78L15AWV	uPC78L15J	AN78L15
+18V	NJM78L18A	----------	uA78L18AWV	---------	AN78L18
+20V	NJM78L20A	----------	----------	---------	AN78L20
+24V	NJM78L24A	----------	uA78L24AWV	---------	AN78L24



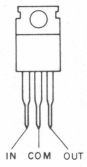
AN79L ? ? (MATSUSHITA)
NEGATIVE VOLTAGE REGULATOR (100mA)
— FRONT VIEW —



OUTPUT VOLTAGE	??
- 4V	04
- 5V	05
- 6V	06
- 7V	07
- 8V	08
- 9V	09
-10V	10
-12V	12
-15V	15
-18V	18
-20V	20
-24V	24



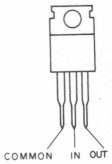
AN78M ? ? (MATSUSHITA)
FS78 ? ?M (SANKEN)
HA178M ? ?P (HITACHI)
L78M ? ? (SANYO)
uA78M ? ?UC (FSC)
uPC78M ? ?H (NEC)
POSITIVE VOLTAGE REGULATOR (0.5A)
— SIDE VIEW —



OUTPUT VOLTAGE	uA78M??UC	FS78??M	uPC78M??H	L78M??	HA178M??P
+5V	uA78M05UC	FS7805M	uPC78M05H	L78M05	HA178M05P
+6V	uA78M06UC	-------	---------	------	HA178M06P
+7V	--------	-------	---------	------	HA178M07P
+8V	uA78M08UC	-------	uPC78M08H	------	HA178M08P
+12V	uA78M12UC	FS7812M	uPC78M12H	------	HA178M12P
+15V	uA78M15UC	FS7815M	uPC78M15H	------	HA178M15P
+18V	---------	-------	---------	------	HA178M18P
+20V	uA78M20UC	-------	---------	------	HA178M20P
+24V	uA78M24UC	FS7824M	uPC78M24H	------	HA178M24P

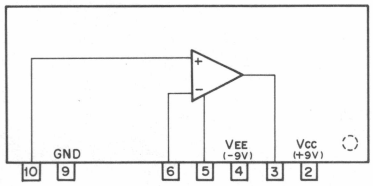
OUTPUT VOLTAGE	AN78M??
+5V	AN78M05
+6V	AN78M06
+7V	AN78M07
+8V	AN78M08
+9V	AN78M09
+10V	AN78M10
+12V	AN78M12
+15V	AN78M15
+18V	AN78M18
+20V	AN78M20
+24V	AN78M24

AN79M ? ? (MATSUSHITA)
FS79 ? ?M (SANKEN)
uA79M ? ?AUC (FSC)
uPC79M ? ?H (NEC)
NEGATIVE VOLTAGE REGULATOR (0.5A)
— SIDE VIEW —

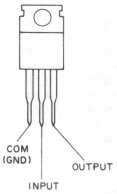


OUTPUT VOLTAGE	uA79M??AUC	FS79??M	AN79M??	uPC79M??H
-5V	uA79M05AUC	FS7905M	AN79M05	uPC79M05H
-6V	uA79M06AUC	-------	AN79M06	---------
-7V	----------	-------	AN79M07	---------
-8V	uA79M08AUC	-------	AN79M08	uPC79M08H
-9V	----------	-------	AN79M09	---------
-10V	----------	-------	AN79M10	---------
-12V	uA79M12AUC	FS7912M	AN79M12	uPC79M12H
-15V	uA79M15AUC	FS7915M	AN79M15	uPC79M15H
-18V	----------	-------	AN79M18	uPC79M18H
-20V	uA79M20AUC	-------	AN79M20	---------
-24V	uA79M24AUC	FS7924M	AN79M24	uPC79M24H

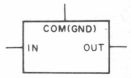
BX1229 (SONY)
FLOATING INPUT VIDEO AMPLIFIER
— REAR VIEW —



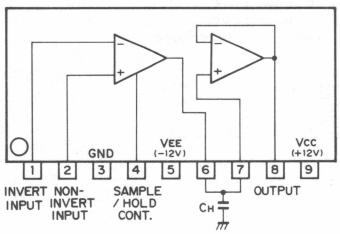
AN79 ? ? (MATSUSHITA)
FS79 ? ? (SANKEN)
MC79 ? ?CT (MOTOROLA)
uA79 ? ?UC (FSC)
uPC79 ? ?H (NEC)
NEGATIVE VOLTAGE REGULATOR (1A)
— SIDE VIEW —



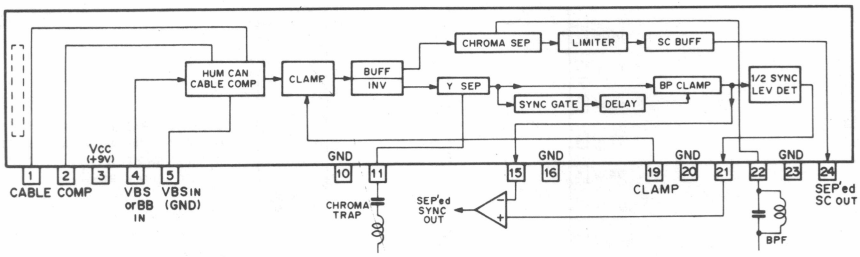
OUTPUT VOLTAGE	AN79??	FS79??	uA79??UC	uPC79??H	MC79??CT
-2V	------	------	--------	--------	MC7902CT
-5V	AN7905	FS7905	uA7905UC	uPC7905H	MC7905CT
-5.2V	------	------	--------	--------	MC7905.2CT
-6V	AN7906	------	uA7906UC	--------	MC7906CT
-7V	AN7907	------	--------	--------	--------
-8V	AN7908	------	uA7908UC	uPC7908H	MC7908CT
-9V	AN7909	------	--------	--------	--------
-10V	AN7910	------	--------	--------	--------
-12V	AN7912	------	uA7912UC	uPC7912H	MC7912CT
-15V	AN7915	------	uA7915UC	uPC7915H	MC7915CT
-18V	AN7918	------	uA7918UC	uPC7918H	MC7918CT
-20V	AN7920	------	--------	--------	--------
-24V	AN7924	------	uA7924UC	uPC7924H	MC7924CT



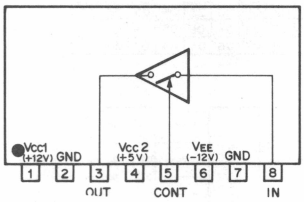
BX1244 (SONY)
SAMPLE AND HOLD.
— PRINTED SIDE VIEW —



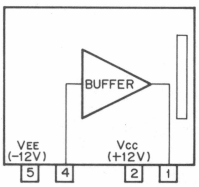
BX1040 (SONY)
SYNC SEPARATOR
— REAR VIEW —



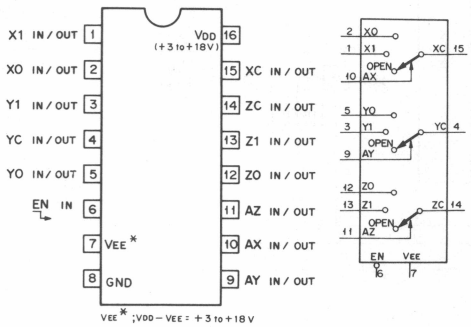
BX1306 (SONY)
VIDEO AND RF SWITCH
— SIDE VIEW —



BX3931 (SONY)
BX3931A (SONY)
HYBRID VIDEO WIDEBAND
BUFFER AMPLIFIER
— IMPRINTED SIDE —



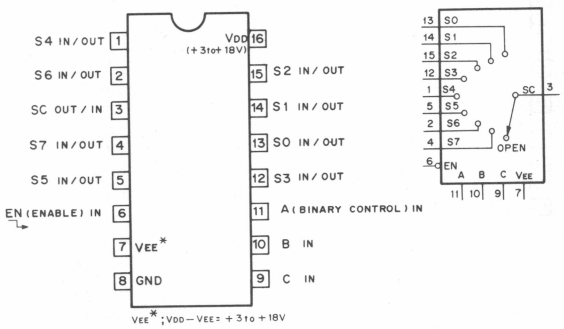
CD4053BE (RCA)
HD14053BP (HITACHI)
MB84053B (FUJITSU)
MC14053BCP (MOTOROLA)
MSM4053 (OKI)
TC4053BF (TOSHIBA) FLAT PACKAGE
TC4053BFHB (TOSHIBA)
TC4053BP (TOSHIBA)
uPD4053BC (NEC)
uPD4053BG (NEC) FLAT PACKAGE
C-MOS 2-CHANNEL MULTIPLEXER/DEMULTIPLEXER
— TOP VIEW —



CONT. INPUTS		ON CHANNEL
EN	A (X,Y,Z,)	
0	0	0
0	1	1
1	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE.

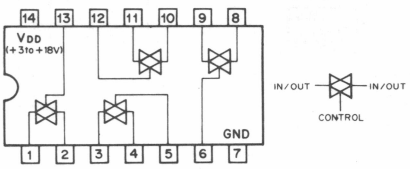
CD4051BE (RCA)
F4051BPC (FSC)
HD14051BP (HITACHI)
MB84051B (FUJITSU)
MC14051BCP (MOTOROLA)
MSM4051BRS (OKI)
TC4051BF (TOSHIBA) FLAT PACKAGE
TC4051BP (TOSHIBA)
TP4051B (TI)
uPD4051BC (NEC)
C-MOS 8-CHANNEL MULTIPLEXER/DEMULTIPLEXER
— TOP VIEW —



EN	C	B	A	"ON" CHANNEL
0	0	0	0	0
0	0	0	1	1
0	0	1	0	2
0	0	1	1	3
0	1	0	0	4
0	1	0	1	5
0	1	1	0	6
0	1	1	1	7
1	X	X	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

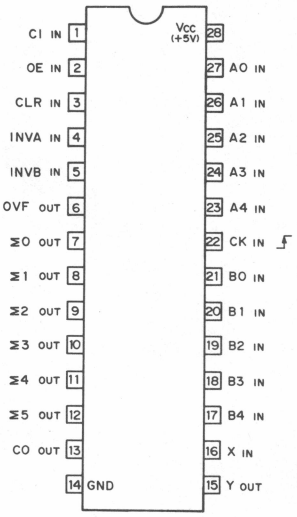
CD4066AE/BE (RCA)
HD14066BP (HITACHI)
MB84066B (FUJITSU)
MC14066BCP (MOTOROLA)
MSM4066 (OKI)
TC4066BF (TOSHIBA) FLAT PACKAGE
TC4066BP (TOSHIBA)
uPD4066BC (NEC)
uPD4066C (NEC)
C-MOS BILATERAL ANALOG SWITCH
— TOP VIEW —

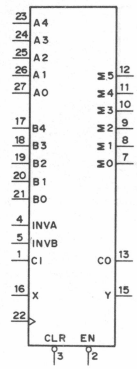


CONTROL	SWITCH
0	OFF
1	ON

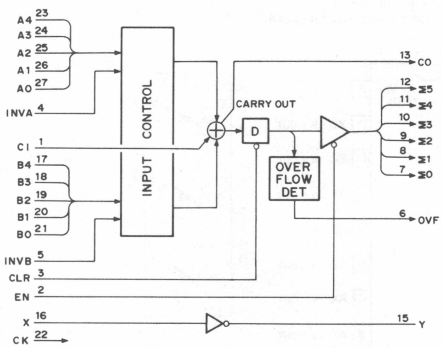
0 ; LOW LEVEL
1 ; HIGH LEVEL

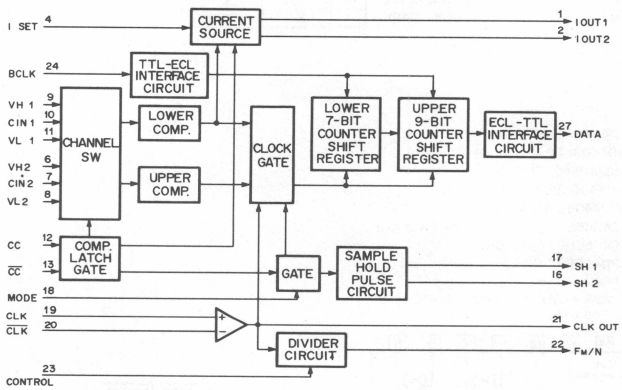
CX20167 (SONY)
TTL 5-BIT FULL ADDER WITH 3-STATE OUTPUTS
— TOP VIEW —



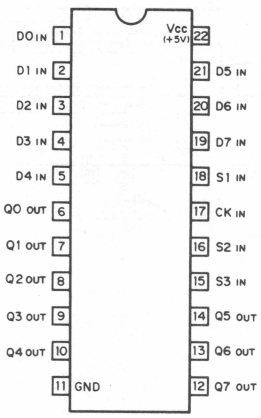


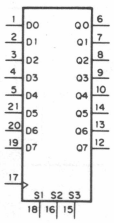
INVA, INVB;
LOGIC LEVEL INVERSION SIGNAL INPUTS
OVF; OVER FLOW SIGNAL OUTPUT
EN; OUTPUT ENABLE SIGNAL INPUT
WHEN EN IS "H", THE OUTPUTS ARE Hi-IMPEDANCE.





CX20149 (SONY)
BIT SHIFTER
— TOP VIEW —

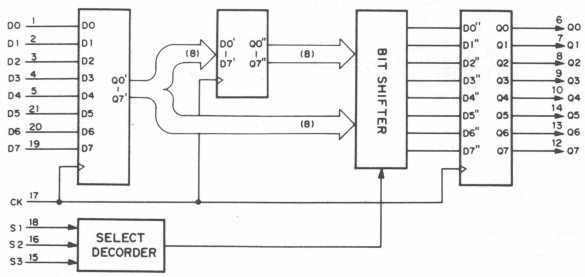




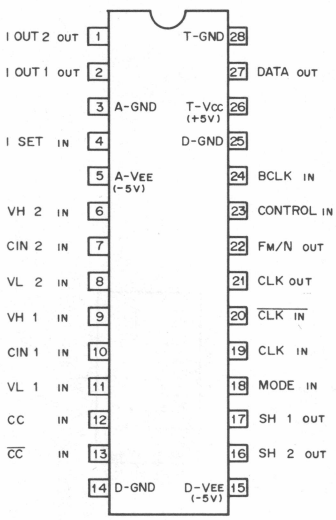
D0-D7 ; PARALLEL DATA INPUTS
Q0-Q7 ; PARALLEL DATA OUTPUTS
S1-S3 ; SHIFT SELECT INPUTS
CK ; CLOCK INPUT

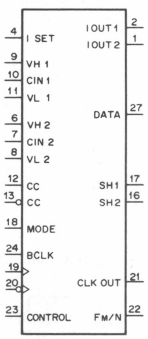
0 ; LOW LEVEL
1 ; HIGH LEVEL

INPUTS			OUTPUTS							
S3	S2	S1	Q7	Q6	Q5	Q4	Q3	Q2	Q1	Q0
0	0	0	Q7"	Q6"	Q5"	Q4"	Q3"	Q2"	Q1"	Q0"
0	0	1	Q6"	Q5"	Q4"	Q3"	Q2"	Q1"	Q0"	Q7'
0	1	0	Q5"	Q4"	Q3"	Q2"	Q1"	Q0"	Q7'	Q6'
0	1	1	Q4"	Q3"	Q2"	Q1"	Q0"	Q7'	Q6'	Q5'
1	0	0	Q3"	Q2"	Q1"	Q0"	Q7'	Q6'	Q5'	Q4'
1	0	1	Q2"	Q1"	Q0"	Q7'	Q6'	Q5'	Q4'	Q3'
1	1	0	Q1"	Q0"	Q7'	Q6'	Q5'	Q4'	Q3'	Q2'
1	1	1	Q0"	Q7'	Q6'	Q5'	Q4'	Q3'	Q2'	Q1'



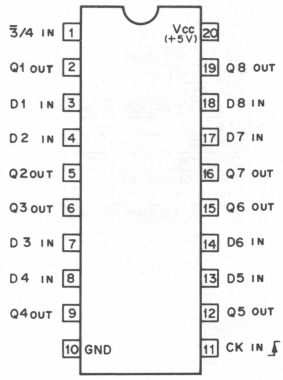
CX20018 (SONY)
DUAL 16 BIT MULTIPLEXED A/D CONVERTER
— TOP VIEW —

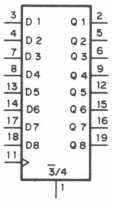




I OUT 1,2 ; CHANNEL1,2 INTEGRAL CURRENT OUTPUT
I SET ; INTEGRAL CURRENT VALUE SETTING
VH 1,2 ; CHANNEL 1,2 UPPER COMPARATOR INPUT
CIN 1,2 ; CHANNEL1,2 UPPER AND LOWER COMMON INPUT
VL 1,2 ; CHANNEL 1,2 LOWER COMPARATOR INPUT
CC ; CONVERSION COMMAND INPUT
SH 1,2 ; CHANNEL 1,2 SAMPLE HOLD PULSE OUTPUT
MODE ; STEREO/MONAURAL AND SAMPLE HOLD PULSE ON/OFF SELECT
FM/N ; DIVIDER OUTPUT
CONTROL ; DIVIDER OUTPUT RATIO SELECTOR
BCLK ; BIT CLOCK
T-GND ; TTL SYSTEM GROUND

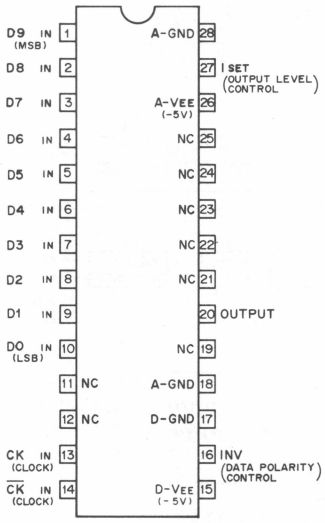
CX20160 (SONY)
TTL OCTAL 3 OR 4 STAGE SHIFT REGISTER
— TOP VIEW —

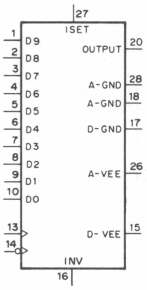


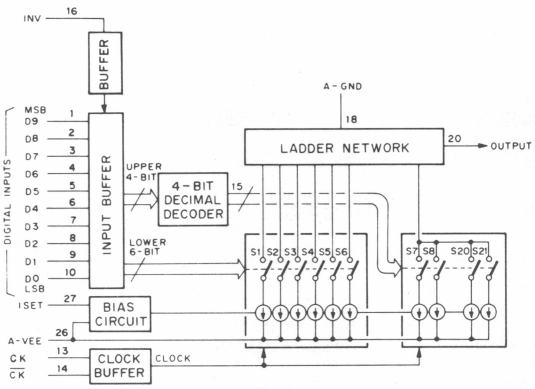


3/4; TOTAL STAGE SELECTION SIGNAL INPUT
H: 4 STAGES, L: 3 STAGES

CX20201 (SONY) FLAT PACKAGE
CX20202 (SONY)
CX20202A (SONY)
10-BIT D/A CONVERTER (ECL INPUT)
— TOP VIEW —





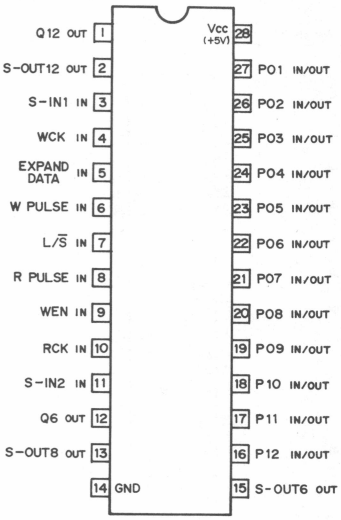


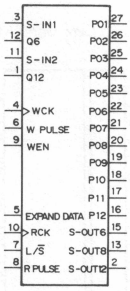
INV SELECTION

DATA INPUTS										OUTPUT	
D9	D8	D7	D6	D5	D4	D3	D2	D1	D0	INV "0"	INV "1"
1	1	1	1	1	1	1	1	1	1	Vo(OS)	Vo(OS)-1.000V
1	1	1	1	1	1	1	1	1	0	Vo(OS)-0.001V	Vo(OS)-0.999V
1	1	1	1	1	1	1	1	0	1	Vo(OS)-0.002V	Vo(OS)-0.998V
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
1	0	0	0	0	0	0	0	0	0	Vo(OS)-0.500V	Vo(OS)-0.502V
0	1	1	1	1	1	1	1	1	1	Vo(OS)-0.501V	Vo(OS)-0.501V
0	1	1	1	1	1	1	1	1	0	Vo(OS)-0.502V	Vo(OS)-0.500V
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
0	0	0	0	0	0	0	0	0	0	Vo(OS)-1.000V	Vo(OS)

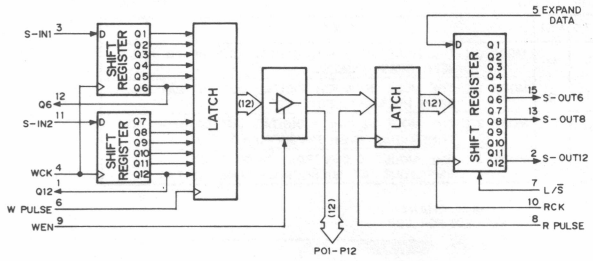
1 ; ECL HIGH LEVEL
0 ; ECL LOW LEVEL
Vo(OS); ZERO OFFSET

CX20214 (SONY)
12-BIT SERIAL-TO/FROM-PARALLEL SHIFT REGISTER
— TOP VIEW —

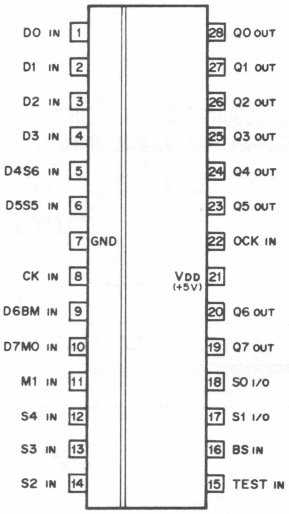


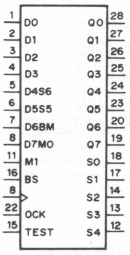


P01-P12; PARALLEL DATA INPUTS/OUTPUTS
S-IN1, S-IN2; SERIAL DATA INPUTS
Q6, Q12; SERIAL DATA OUTPUTS
S-OUT6; 6-STAGE SHIFT REGISTER OUTPUT
S-OUT8; 8-STAGE SHIFT REGISTER OUTPUT
S-OUT12; 12-STAGE SHIFT REGISTER OUTPUT
L/S; LOAD/SHIFT SELECT INPUT
W PULSE; WRITE LATCH PULSE INPUT
R PULSE; READ LATCH PULSE INPUT
W CK; WRITE CLOCK INPUT
R CK; READ CLOCK INPUT
W EN; WRITE ENABLE INPUT

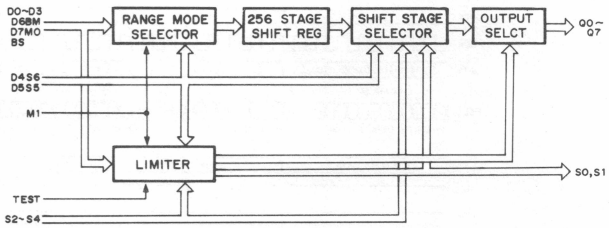


CX23038 (SONY)
C-MOS PROGRAMABLE SHIFT REGISTER
— TOP VIEW —

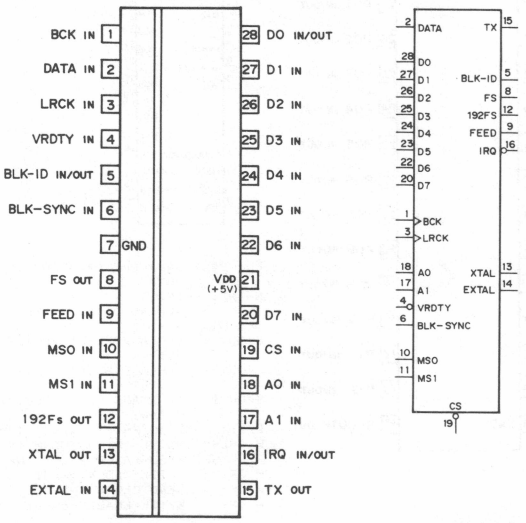




D0~D3 : DATA INPUT
D4S6,D5S5 : DATA/SHIFT SELECT INPUT
S0~S4 : SHIFT SELECT INPUT
Q0~Q7 : DATA OUTPUT
D6BM : DATA/BIT SLICE INPUT
D7MO,M1 : DATA/RANGE MODE INPUT
BS : DATA/BIT SLICE CHANGE INPUT
CK : MAIN CLOCK
OCK : OUTPUT CLOCK
TEST : LIMITER SELECT INPUT

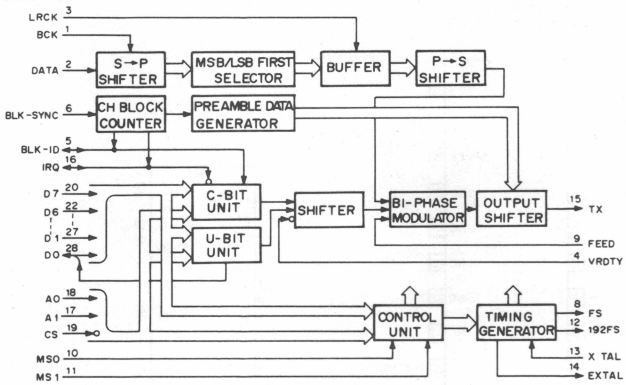


CX23033 (SONY)
N-MOS DIGITAL AUDIO DATA MODULATOR/TRANSMITTER
— TOP VIEW —



SYMBOL	FUNCTION		
	MODE 0	MODE 1, 2	MODE 3
BCK	BIT CLOCK INPUT		
DATA	DIGITAL AUDIO DATA INPUT		
LRCK	L/R CHANNEL STATUS INPUT		
VRDTY	VALIDTY FLAG INPUT		
BLK-ID	C-BIT CATEGORY CODE C10 PRESET INPUT		C-BIT INDICATING OUTPUT
BLK-SYNC	SYNC INPUT AT THE HEAD OF C-BIT BLOCK		
FS	REFERENCE OUTPUT FOR PLL		
FEED	——		NRZ DEMOD DATA INPUT
MSO, MS1	MODE SELECT INPUTS		
192FS	MASTER CLOCK OUTPUT OF CD		
XTAL	CONNECT A CRYSTAL OSCILLATOR		
EXTAL	CONNECT A CRYSTAL OSCILLATOR/EXT CLOCK INPUT		
TX	MODULATED DATA OUTPUT		
IRQ	C-BIT CATEGORY CODE C9 PRESET INPUT		INTERRUPT REQUEST OUTPUT
A1	——		REGISTER SELECT INPUTS
AO	PLL MODE SELECT INPUT		
CS	——		DATA(DO-D7)WRITE INPUT
D7	TEST MODE SELECT INPUT	EMPHASIS INFORMATION IN	DATA BUS
D6	——	COPY INHI INPUT	
D5	——	ID 1 PRESET INPUT	
D4	SUBQ INPUT	ID 0 PRESET INPUT	
D3	SUB CODE BLOCK INDICATE PULSE INPUT		
D2	SUB CODE FRAME PULSE INPUT		
D1	SUB CODE SERIAL INPUT		
DO	SUBCODE TRANSMIT CLOCK OUTPUT		

BLOCK DIAGRAM

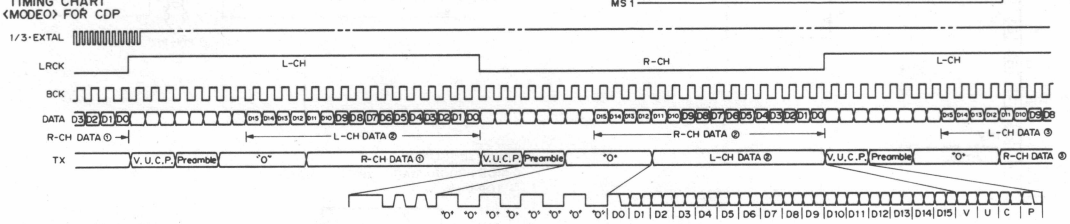


1 ; HIGH LEVEL
0 ; LOW LEVEL

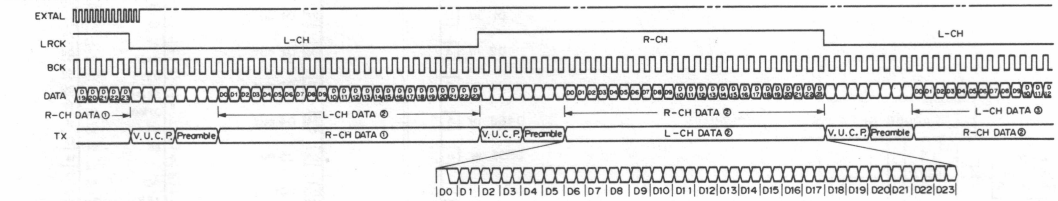
MODE SELECT

MSO	MS1	MODE
0	0	MODE 0 ; THE MODE IN WHICH DIGITAL OUT OF CD HAS BEEN PRESUPPOSED.
1	0	MODE 1 ; THE MODE IN WHICH DIGITAL OUT OF DAT HAS BEEN PRESUPPOSED.
0	1	MODE 2 ; THE MODE IN WHICH DIGITAL OUT DATA OF PCM TUNER HAS BEEN PRESUPPOSED.
1	1	MODE 3 ; THE MODE TO CONTROL THIS IC BY EMPLOYING A MICROPROCESSING UNIT.

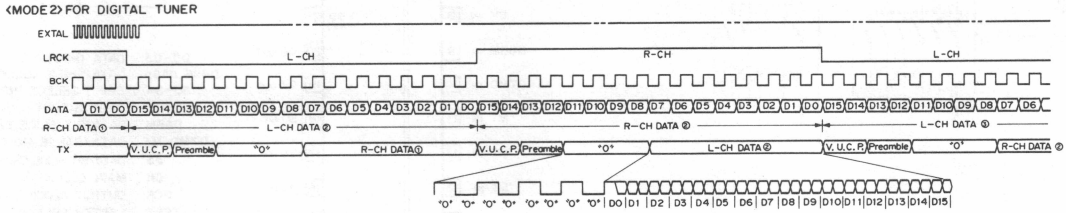
TIMING CHART
<MODE0> FOR CDP



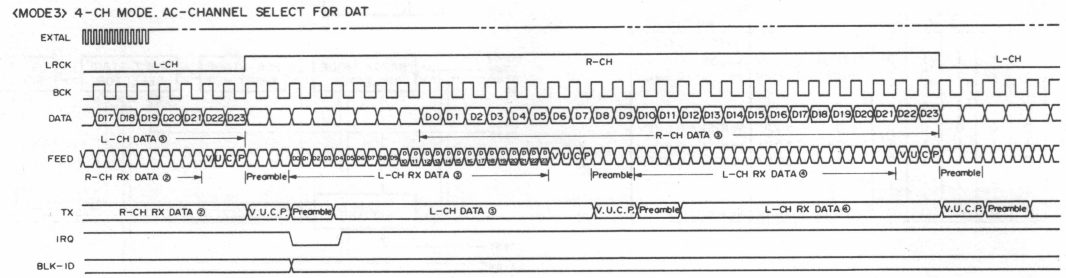
<MODE1> FOR DAT



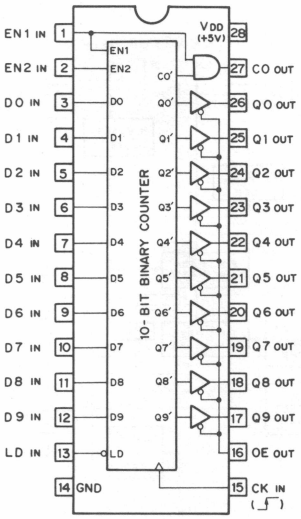
<MODE2> FOR DIGITAL TUNER

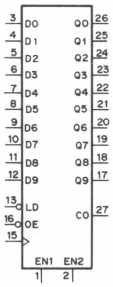


<MODE3> 4-CH MODE. AC-CHANNEL SELECT FOR DAT



CX23043 (SONY)
N-MOS SYNCHRONOUS 10-BIT BINARY COUNTER
— TOP VIEW —





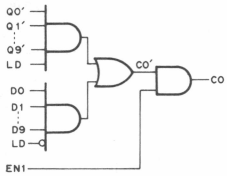
EN1	EN2	LD	FUNCTION
1	1	1	COUNT
0	X	1	NO COUNT
X	0	1	NO COUNT
X	X	0	LOAD

OE	Q0 to Q9 OUTPUT
0	Q0′ to Q9′
1	HI-IMPEDANCE

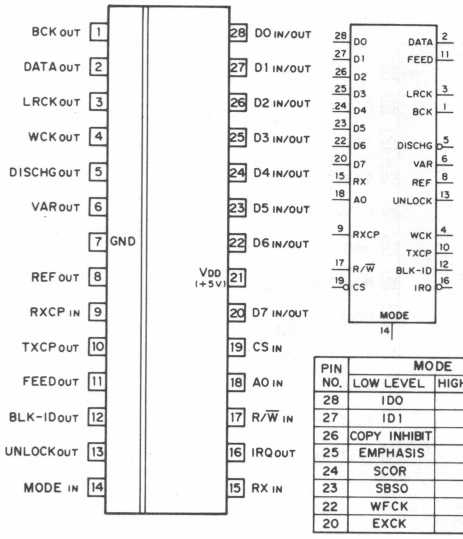
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

Q0 to Q9; OUTPUTS
Q0′ to Q9′; COUNTER OUTPUTS
D0 to D9; INPUTS DATA
CO; CARRY OUTPUT
OE; OUTPUT ENABLE
LD; INPUT DATA LOAD
EN1; CLOCK & CARRY OUT ENABLE
EN2; CLOCK ENABLE
CK; CLOCK INPUT

CARRY OUTPUT "CO"



CX23053 (SONY)
C-MOS DIGITAL AUDIO DATA RECEIVER/DEMODULATOR
— TOP VIEW —

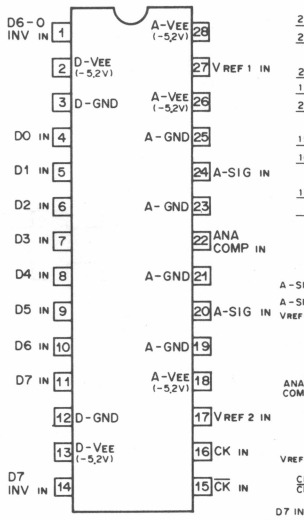


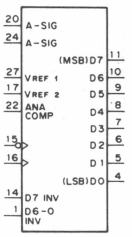
PIN NO.	MODE LOW LEVEL	MODE HIGH LEVEL
28	ID0	D0
27	ID1	D1
26	COPY INHIBIT	D2
25	EMPHASIS	D3
24	SCOR	D4
23	SBSO	D5
22	WFCK	D6
20	EXCK	D7

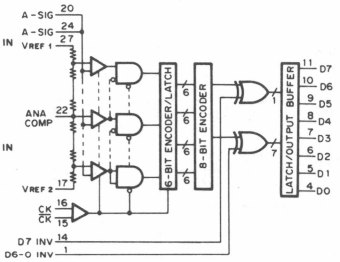
BCK; DIGITAL DATA SHIFT CLOCK OUTPUT
DATA; DIGITAL AUDIO DATA OUTPUT
LRCK; L/R CHANNEL STATUS OUTPUT (Fs)
WCK; WORD CLOCK OUTPUT (2Fs)
DISCHG; PLL LOCK TRIGGER PULSE OUTPUT
VAR; SINK CURRENT DETERMINATION PULSE OUTPUT
REF; SOURCE CURRENT DETERMINATION PULSE OUTPUT
RXCP; 256Fs CLOCK INPUT WHEN 2-CH MODE/ 512Fs CLOCK INPUT WHEN 4-CH MODE
TXCP; 128Fs CLOCK OUTPUT WHEN 2-CH MODE/ 256Fs CLOCK OUTPUT WHEN 4-CH MODE
FEED; NRZ DEMODULATION DATA OUTPUT
BLK-ID; BLOCK PULSE OUTPUT
UNLOCK; PLL LOCK/UNLOCK OUTPUT
MODE; MODE SELECT INPUT

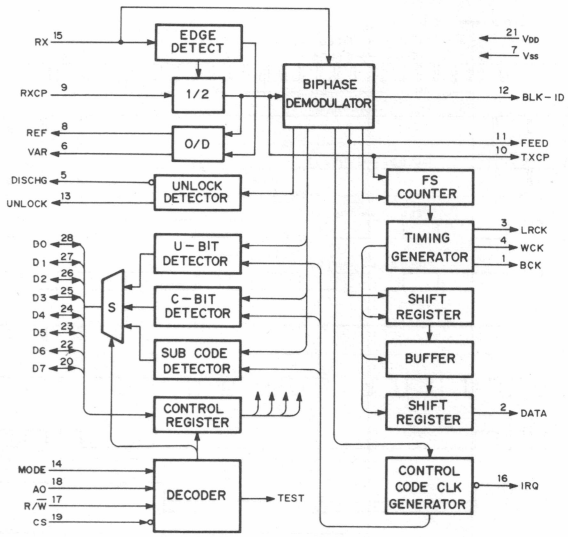
RX; DIGITAL I/O DATA INPUT
IRQ; INTERRUPT REQUEST OUTPUT
R/W; READ/WRITE ENABLE INPUT
A0; DISTINGUISHING SIGNAL INPUT BETWEEN C-BIT AND U-BIT
CS; CHIP SELECT INPUT
D0-D7; DATA INPUTS

CXA1016D (SONY)
CXA1016P (SONY)
8-BIT FLASH TYPE A/D CONVERTER (30MS/s)
— SIDE VIEW —

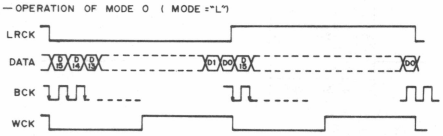




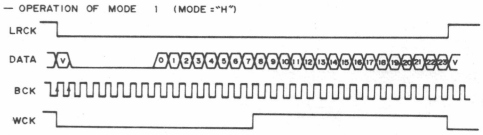




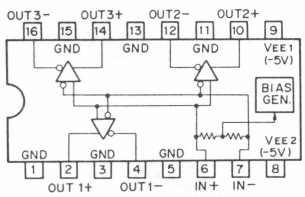
TIMING CHART
— OPERATION OF MODE 0 (MODE :"L")



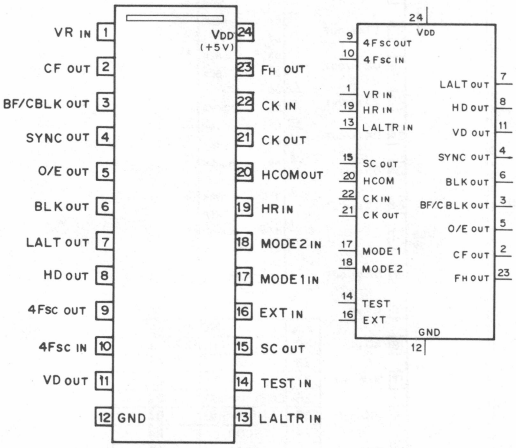
— OPERATION OF MODE 1 (MODE :"H")



CXA1389P (SONY)
ECL CABLE DRIVER
— TOP VIEW —



CX773A (SONY)
CX773A-1 (SONY)
CX773B (SONY)
C-MOS SYNC GENERATOR (NTSC, PAL-M, PAL, SECAM)
— TOP VIEW —



O/E : ODD/EVEN FIELD
CF : COLOR FRAME PULSE
HCOM : H COMPARATOR

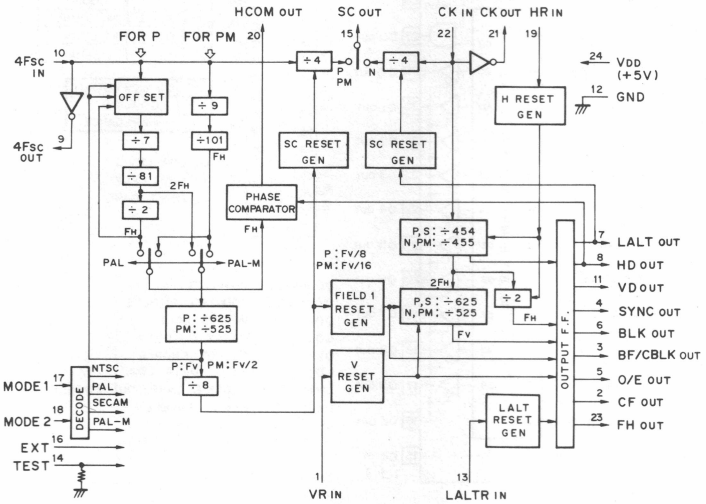
SYSTEM	4Fsc	CLOCK
NTSC	910 FH	910FH
PAL	1135FH+2Fv	908FH
PALM	909FH	910FH
SECAM	——	908FH

INPUTS MODE 1	INPUTS MODE 2	SYSTEM
0	0	NTSC
0	1	SECAM
1	0	PALM
1	1	PAL

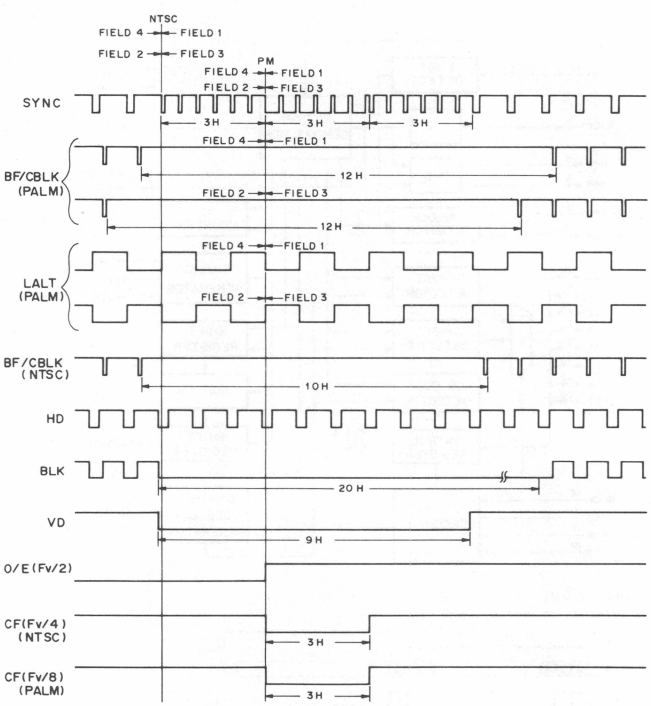
0 ; LOW LEVEL (GND)
1 ; HIGH LEVEL (VDD)

INPUTS EXT	INPUTS TEST	FUNCTION
0	0	INTERNAL
0	1	INVALID
1	0	EXT
1	1	TEST

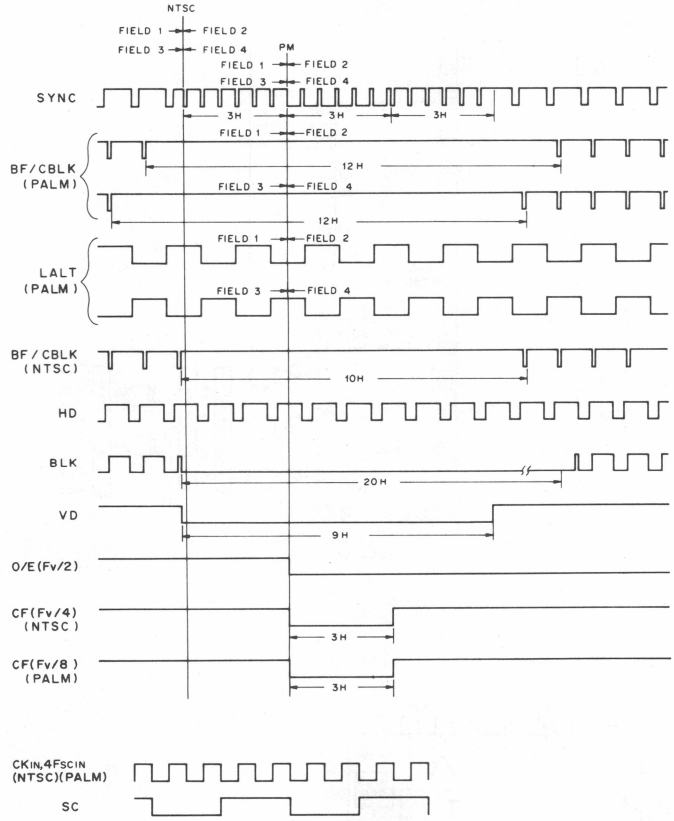
TEST "0": OPEN
(INTERNALLY PULLED DOWN)



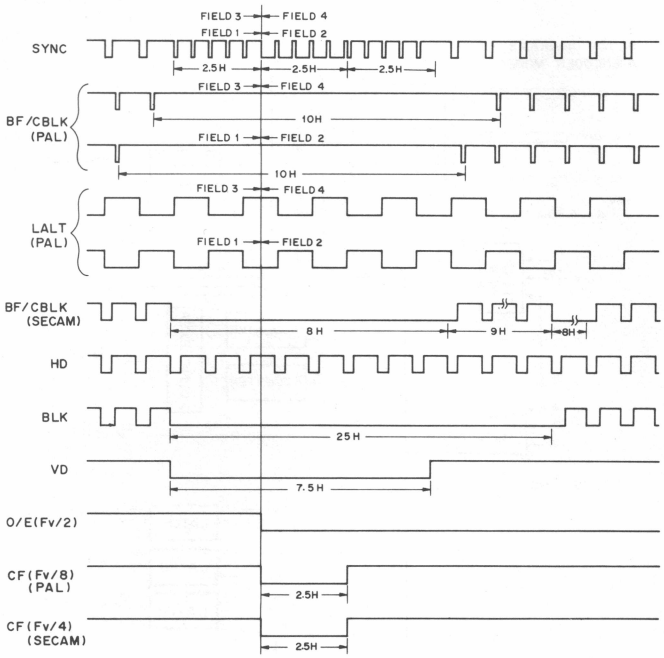
NTSC, PAL-M (FIELD 1,3)



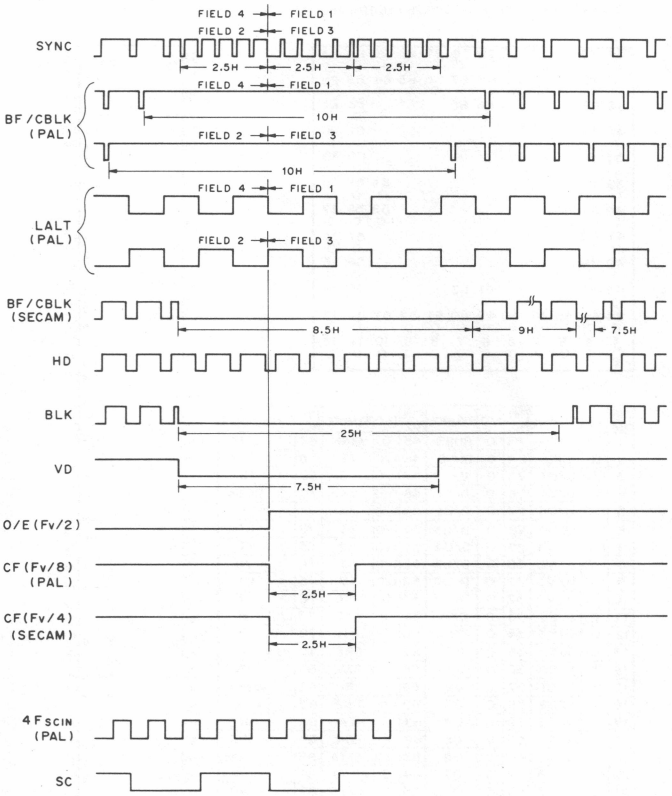
NTSC, PAL-M (FIELD 2,4)



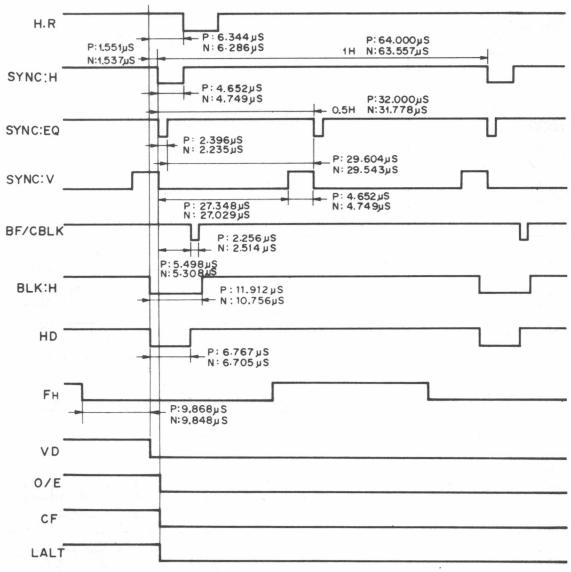
PAL, SECAM (FIELD 4, 2)



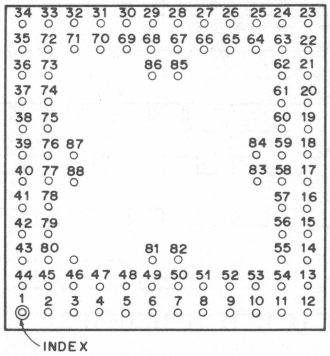
PAL, SECAM (FIELD 1, 3)

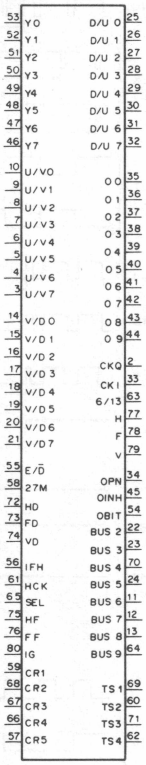


P: PAL, SECAM
N: NTSC, PALM



CXB1001G (SONY)
4:2:2 PARALLEL INTERFACE FOR 525/625-LINE DIGITAL VIDEO SIGNALS
— TOP VIEW —

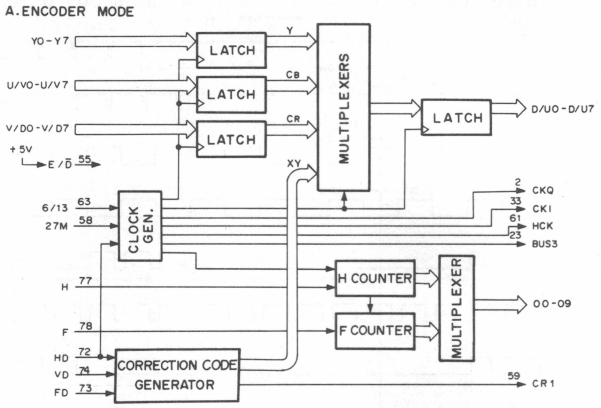




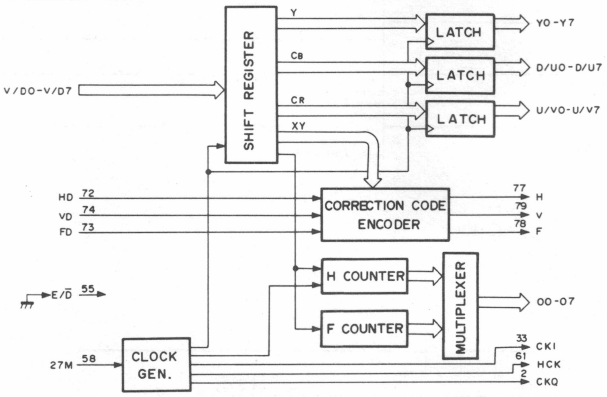
PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1		NC	23	O	BUS3	45	O	OINH	67	I	CR3
2	O	CKQ	24	O	BUS5	46	I/O	Y7	68	I	CR2
3	I/O	U/V7	25	O	D/U0	47	I/O	Y6	69	I	TS1
4	I/O	U/V6	26	O	D/U1	48	I/O	Y5	70	O	BUS4
5	I/O	U/V5	27	O	D/U2	49	I/O	Y4	71	I	TS3
6	I/O	U/V4	28	O	D/U3	50	I/O	Y3	72	I	HD
7	I/O	U/V3	29	O	D/U4	51	I/O	Y2	73	I	FD
8	I/O	U/V2	30	O	D/U5	52	I/O	Y1	74	I	VD
9	I/O	U/V1	31	O	D/U6	53	I/O	Y0	75	I	HF
10	I/O	U/V0	32	O	D/U7	54	O	OBIT	76	I	FF
11	O	BUS6	33	O	CKI	55	I	E/D̄	77	I/O	H
12	O	BUS7	34	O	OPN	56	I	IFH	78	I/O	F
13	O	BUS8	35	O	O0	57	I	CR5	79	O	V
14	I	V/D0	36	O	O1	58	I	27M	80	I	IG
15	I	V/D1	37	O	O2	59	I	CR1	81		Vcc(+5V)
16	I	V/D2	38	O	O3	60	I	TS2	82		Vcc(+5V)
17	I	V/D3	39	O	O4	61	O	HCK	83		GND
18	I	V/D4	40	O	O5	62	I	TS4	84		GND
19	I	V/D5	41	O	O6	63	I/O	6/13	85		Vcc(+5V)
20	I	V/D6	42	O	O7	64	O	BUS9	86		Vcc(+5V)
21	I	V/D7	43	O	O8	65	I	SEL	87		GND
22	O	BUS2	44	O	O9	66	I	CR4	88		GND

SYMBOL	FUNCTION	
	ENCODER MODE (E/D̄="H")	DECODER MODE (E/D̄ ="L")
Y0-Y7	Y SIGNAL INPUTS	Y SIGNAL OUTPUTS
U/V0-U/V7	CB SIGNAL INPUTS	CR SIGNAL OUTPUTS
V/D0-V/D7	CR SIGNAL INPUTS	MULTIPLEXER DATA INPUTS
D/U0-D/U7	MULTIPLEXER DATA OUTPUTS	CB SIGNAL OUTPUTS
O0-O9	EXTERNAL PROM ADDRESS OUTPUTS	
E/D̄	ENCODER/DECODER MODE SELECT INPUT	
27M	CLOCK INPUT (27MHz)	
HD	TIMING SIGNAL INPUTS (H)	
FD	(F)	
VD	(V)	
CKQ	D/U SYNCHRONOUS CLOCK OUTPUT	CR,CB SYNCHRONOUS CLOCK OUTPUT
CKI	INPUT DATA LATCH CLOCK(13.5MHz)	INPUT DATA LATCH CLOCK (27MHz)
6/13	CR,CB SYNCHRONOUS CLOCK INPUT	13.5MHz CLOCK OUTPUT
H	REFERENCE H INPUT	DECODE H OUTPUT
F	REFERENCE F INPUT	DECODE F OUTPUT
V	DECODE V OUTPUT	DECODE V OUTPUT
IFH	CONNECT WITH "+5V"	
HCK	6.75MHz H COUNTER CLOCK OUTPUT	
SEL	CONNECT WITH "+5V"	
HF		
FF		
IG		
CR1-CR5		
TS1-TS4		
OPN	FOR TEST	
OINH		
OBIT		
BUS2-BUS9		

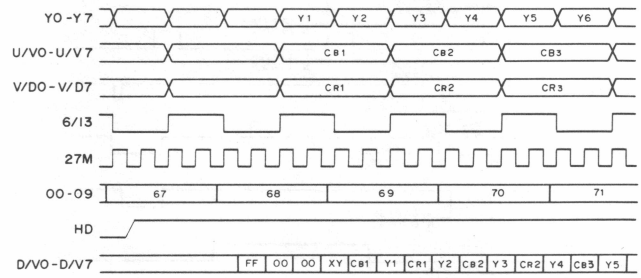
BLOCK DIAGRAMS
A. ENCODER MODE



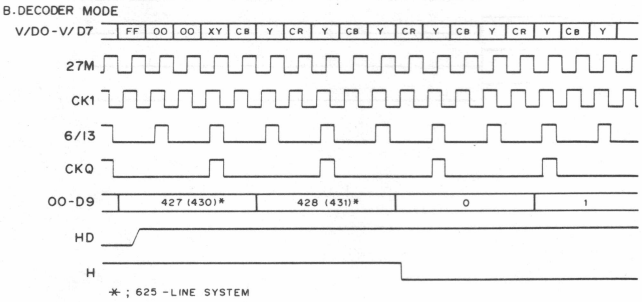
B. DECODER MODE



TIMING CHART
A. ENCODER MODE

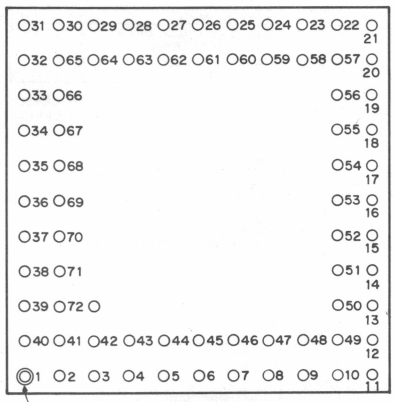


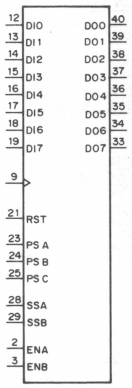
B. DECODER MODE



*; 625-LINE SYSTEM

CXD1037G (SONY)
C-MOS REED-SOLOMON DECODER
— TOP VIEW —





PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL
1			NC	19	○		DI7	37		○	DO3	55			NC
2	○		ENA	20			NC	38		○	DO2	56			NC
3	○		ENB	21	○		RST	39		○	DO1	57			VDD(+5V)
4			NC	22			NC	40		○	DO0	58			GND
5			NC	23	○		PSA	41			VDD(+5V)	59			NC
6			NC	24	○		PSB	42			GND	60			NC
7			NC	25	○		PSC	43			NC	61			NC
8			NC	26			NC	44			NC	62			NC
9	○		CK	27			NC	45			NC	63			NC
10			NC	28	○		SSA	46			NC	64			GND
11			NC	29	○		SSB	47			NC	65			VDD(+5V)
12	○		DI0	30			NC	48			GND	66			NC
13	○		DI1	31			NC	49			VDD(+5V)	67			NC
14	○		DI2	32			NC	50			NC	68			NC
15	○		DI3	33		○	DO7	51			NC	69			NC
16	○		DI4	34		○	DO6	52			NC	70			NC
17	○		DI5	35		○	DO5	53			NC	71			NC
18	○		DI6	36		○	DO4	54			NC	72			NC

DI0-DI7;DATA INPUTS
DO0-DO7;DATA/PARITY OUTPUTS
RST;RESET INPUT
PSA,PSB,PSC;PARITY WORD SELECT INPUTS
SSA,SSB;INTERLEAVE SELECT INPUTS
ENA;DATA ENABLE INPUT
ENB;DATA/$\overline{\text{PARITY}}$ OUTPUT SELECT INPUT

PARITY SELECT

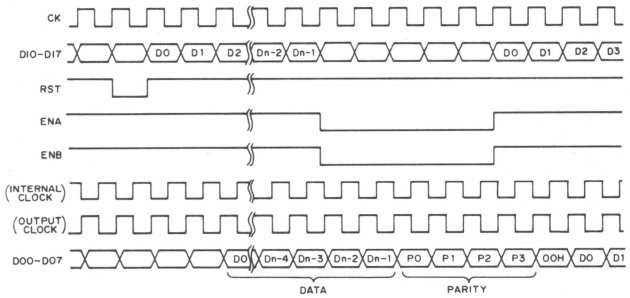
PSA	PSB	PSC	PARITY WORD
0	0	0	2 WORDS
0	0	1	3 WORDS
0	1	0	4 WORDS
0	1	1	6 WORDS
1	X	X	8 WORDS

INTERLEAVE SELECT

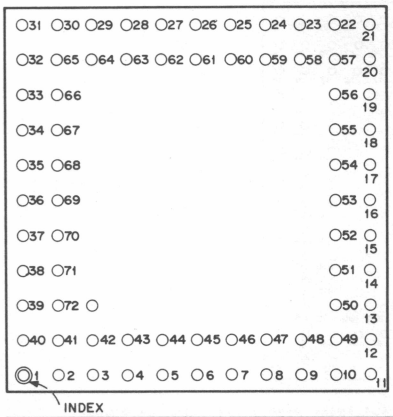
SSA	SSB	INTERLEAVE
0	0	1 WORD
0	1	2 WORDS
1	0	3 WORDS
1	1	4 WORDS

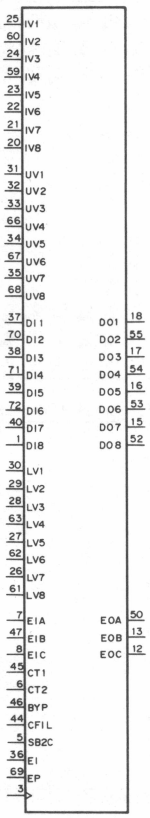
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

TIMING CHART (PARITY WORD = 4WORDS , INTERLEAVE = 1WORD)



CXD1039G (SONY)
C-MOS ERROR CONCEALMENT FOR DIGITAL VTR
— TOP VIEW —





PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	I	DI8	19		NC	37	I	DI1	55	O	DO2
2		NC	20	I	IV8	38	I	DI3	56		NC
3	I	CK	21	I	IV7	39	I	DI5	57		VDD(+5V)
4		NC	22	I	IV6	40	I	DI7	58		GND
5	I	SB2C	23	I	IV5	41		VDD(+5V)	59	I	IV4
6	I	CT2	24	I	IV3	42		GND	60	I	IV2
7	I	EIA	25	I	IV1	43		NC	61	I	LV8
8	I	EIC	26	I	LV7	44	I	CFIL	62	I	LV6
9		NC	27	I	LV5	45	I	CT1	63	I	LV4
10		NC	28	I	LV3	46	I	BYP	64		GND
11		NC	29	I	LV2	47	I	EIB	65		VDD(+5V)
12	O	EOC	30	I	LV1	48		GND	66	I	UV4
13	O	EOB	31	I	UV1	49		VDD(+5V)	67	I	UV6
14		NC	32	I	UV2	50	O	EOA	68	I	UV8
15	O	DO7	33	I	UV3	51		NC	69	I	EP
16	O	DO5	34	I	UV5	52	O	DO8	70	I	DI2
17	O	DO3	35	I	UV7	53	O	DO6	71	I	DI4
18	O	DO1	36	I	EI	54	O	DO4	72	I	DI6

DI1-DI8; VIDEO INPUTS
IV1-IV8; PREVIOUS 1H VIDEO INPUT FOR DATA REPLACEMENT
UV1-UV8; PREVIOUS 1H VIDEO INPUT FOR 2-DIMENSIONAL CONCEALMENT
LV1-LV8; NEXT 1H VIDEO INPUT FOR 2-DIMENSIONAL CONCEALMENT
DO1-DO8; VIDEO OUTPUTS

EIA-EIC; CONCEALMENT MODE INPUTS
EOA-EOC; CONCEALMENT MODE OUTPUTS
CT1; ED MODE INHIBIT INPUT
CT2; EH MODE INHIBIT INPUT
BYP; $\overline{\text{AUTO}}$/MANUAL CONTROL INPUT
CFIL; CHROMA PHASE INVERSION INPUT
SB2C; INPUT/OUTPUT CODE SELECT INPUT
EI; DI ERROR FLAG INPUT
EP; UV/LV ERROR FLAG INPUT

INPUT/OUTPUT CODE SELECT

SB2C	CODE
0	STRAIGHT BINARY
1	2's COMPLIMENT BINARY

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

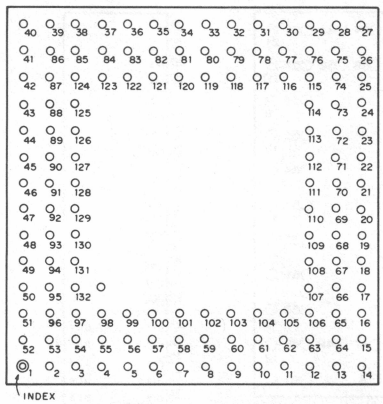
CONCEALMENT MODE SELECT

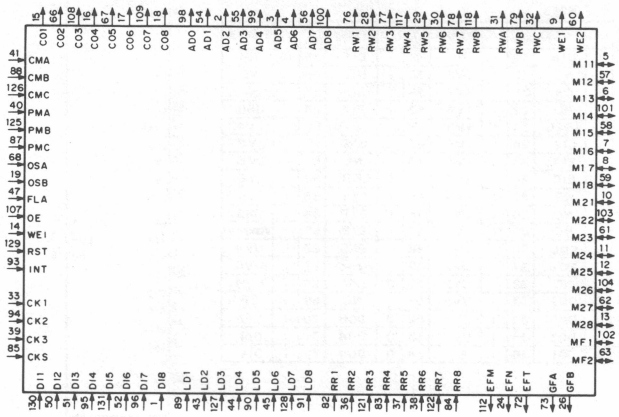
BYP	EIC	EIB	EIA	MODE
0	X	X	X	AUTO SELECT
1	0	0	0	BYPASS
1	0	0	1	E2
1	0	1	0	E3
1	0	1	1	E4
1	1	0	0	ED
1	1	0	1	EH
1	1	1	0	EV
1	1	1	1	INHIBIT

MODE	EOC	EOB	EOA
NO ERROR	1	1	1
E2	1	1	0
E3	1	0	1
E4	1	0	0
EH	0	1	1
EV	0	1	0
ED	0	0	1

CONCEALMENT MODE:
E2 MODE; 1-DIMENSIONAL CONCEALMENT USING SAMPLE BEFORE AND SAMPLE AFTER DROPOUT LOCATION (2-SAMPLE DATA)
E3 MODE; 1-DIMENSIONAL CONCEALMENT USING SAMPLE BEFORE AND SAMPLE AFTER DROPOUT LOCATION (3-SAMPLE DATA)
E4 MODE; 1-DIMENSIONAL CONCEALMENT USING SAMPLE BEFORE AND SAMPLE AFTER DROPOUT LOCATION (4-SAMPLE DATA)
ED MODE; 2-DIMENSIONAL CONCEALMENT USING SURROUNDING SAMPLE DATA OF DROPOUT LOCATION (DI, UV AND LV)
EH MODE; DATA REPLACEMENT BY 4-SAMPLE BEFORE DROPOUT
EV MODE; DATA REPLACEMENT BY IV

CXD1038G (SONY)
C-MOS ERROR CORRECTOR
— TOP VIEW —





CORRECTION MODE

	CMA	CMB	CMC
DETECTION	0	0	0
1W COR	0	0	1
2W COR	0	1	0
3W COR	0	1	1
ERASURE & DETECTION	1	0	0
ERASURE & 1W COR	1	0	1

OUTPUT SELECT

OUTPUT MODE	OSA	OSB
CORRECTIONED DATA	0	0
ERROR PATTERN	1	0
DATA THROUGH	0	1
ALL ZERO	1	1

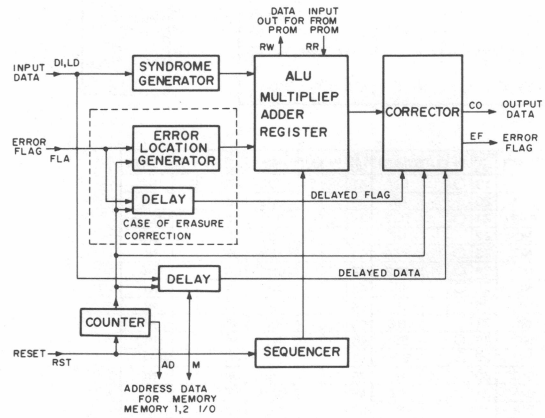
0 ; LOW LEVEL
1 ; HIGH LEVEL

PARITY MODE

NUMBER OF PARITY	PMA	PMB	PMC
2 WORDS	0	0	0
3 WORDS	0	0	1
4 WORDS	0	1	0
6 WORDS	0	1	1
8 WORDS	1	0	0

GRAY DETECTION OUT

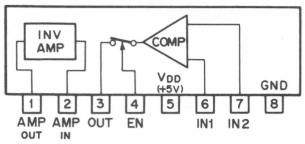
	GFA	GFB
DETECTION	0	0
1W COR	0	1
2W COR	1	0
3W COR	1	1



PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	I	DI8	23		NC	45	I	LD6	67	O	CO5	89	I	LD1	111		NC
2	O	AD2	24	O	EFN	46		NC	68	I	OSA	90	I	LD5	112	O	EFM
3	O	AD5	25		NC	47	I	FLA	69		NC	91	I	LD8	113		NC
4	O	AD6	26	O	GFB	48		NC	70		NC	92		NC	114		VDD(+5V)
5	I/O	M11	27		NC	49		NC	71		NC	93	I	INT	115		GND
6	I/O	M13	28	O	RW2	50	I	DI2	72	O	EFT	94	I	CK2	116		NC
7	I/O	M16	29	O	RW5	51	I	DI3	73	O	GFA	95	I	DI4	117	O	RW4
8	I/O	M17	30	O	RW6	52	I	DI6	74		NC	96	I	DI7	118	O	RW8
9	O	WE1	31	O	RWA	53		GND	75		GND	97		GND	119		NC
10	I/O	M21	32	O	RWC	54	O	AD1	76	O	RW1	98	O	AD0	120		NC
11	I/O	M24	33	I	CK1	55	O	AD3	77	O	RW3	99	O	AD4	121	I	RR3
12	I/O	M25	34		NC	56	O	AD7	78	O	RW7	100	O	AD8	122	I	RR7
13	I/O	M28	35		NC	57	I/O	M12	79	O	RW8	101	I/O	M14	123		GND
14	I	WEI	36	I	RR2	58	I/O	M15	80		NC	102	I/O	MF1	124		GND
15	O	CO1	37	I	RR5	59	I/O	M18	81		NC	103	I/O	M22	125	I	PMB
16	O	CO4	38	I	RR6	60	O	WE2	82	I	RR1	104	I/O	M26	126	I	CMC
17	O	CO6	39	I	CK3	61	I/O	M23	83	I	RR4	105		GND	127	I	LD3
18	O	CO8	40	I	PMA	62	I/O	M27	84	I	RR8	106		GND	128	I	LD7
19	I	OSB	41	I	CMA	63	I/O	MF2	85	I	CKS	107	I	OE	129	I	RST
20		NC	42		NC	64		VDD(+5V)	86		VDD(+5V)	108	O	CO3	130	I	DI1
21		NC	43	I	LD2	65		NC	87	I	PMC	109	O	CO7	131	I	DI5
22		NC	44	I	LD4	66	O	CO2	88	I	CMB	110		NC	132		VDD(+5V)

AD0~AD8	;ADDRESS FOR MEMORY
CK1	;CLOCK
CK2	;CLOCK FOR MEMORY I/O
CK3	;CLOCK FOR PROM READ
CKS	;CLOCK SELECT
CMA,CMB,CMC	;CORRECTION MODE
CO1~CO8	;CORRECTION OUTPUT
DI1~DI8	;INPUT DATA
EFM	;ERROR FLAG(MATRIXED)
EFN	;ERROR FLAG
EFT	;ERROR FLAG(THROUGH)
FLA	;ERROR FLAG INPUT
GFA, GFB	;GRAY FLAG A , B
INT	;INITIAL RESET FOR TEST
LD1~LD8	;CODE LENGTH
M11~M18	;DATA MEMORY1 I/O
M21~M28	;DATA MEMORY2 I/O
MF1,MF2	;FLAG MEMORY 1,2 I/O
OE	;OUTPUT ENABLE FOR MEMORY I/O
OSA,OSB	;OUTPUT SELECT
PMA,PMB,PMC	;PARITY MODE
RR1~RR8	;INPUT FROM PROM
RST	;RESET
RW1~RW8	;DATA OUT FOR PROM (PROM ADDRESS)
RWA,RWB,RWC	;PROM MODE(PROM ADDRESS)
WE1,WE2	;WRITE ENABLE FOR MEMORY 1,2
WEI	;WRITE ENABLE INPUT

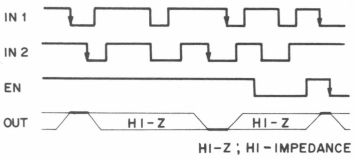
CX23065 (SONY)
N-MOS PHASE COMPARATOR WITH INVERSION AMPLIFIER
— PRINTED SIDE VIEW —



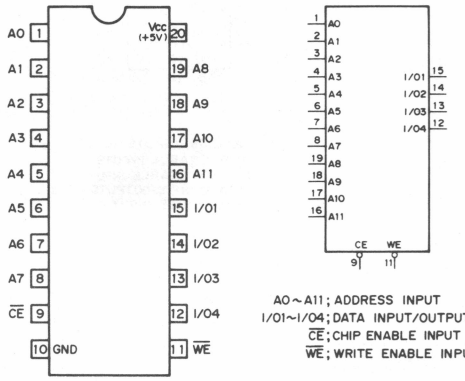
EN	OUT
1	ACTIVE
0	HIGH IMPEDANCE

1; HIGH LEVEL
0; LOW LEVEL

TIMMING CHART



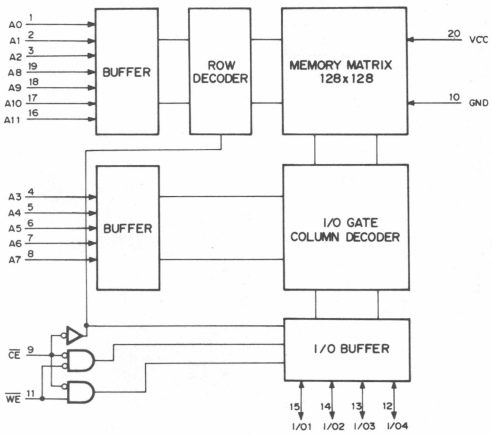
CXK5416P-55L (SONY) (ACCESS TIME = 55nS)
C-MOS 4096 WORDx4 BIT STATIC RAM WITH 3 STATE OUTPUTS
— TOP VIEW —



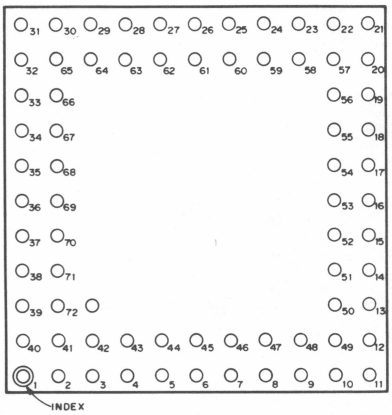
A0~A11; ADDRESS INPUT
I/01~I/04; DATA INPUT/OUTPUT
CE; CHIP ENABLE INPUT
WE; WRITE ENABLE INPUT

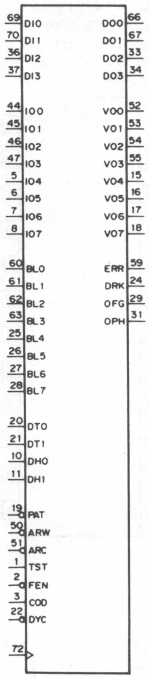
CE	WE	MODE	I/O TERMINAL
1	X	DISABLE	HIGH IMPEDANCE
0	1	READ	DATA OUT
0	0	WRITE	DATA IN

0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE



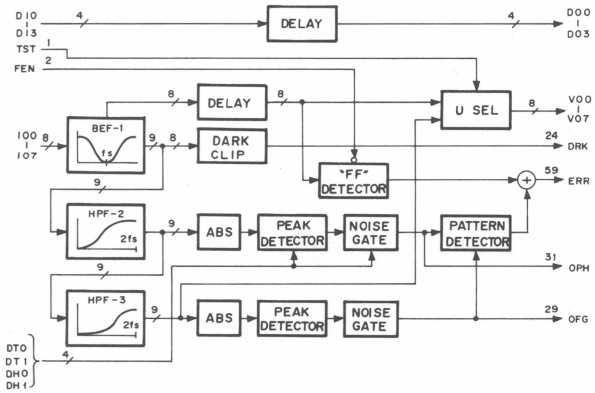
CXD1040G (SONY)
C-MOS VIDEO SIGNAL ERROR DETECTOR
— TOP VIEW —



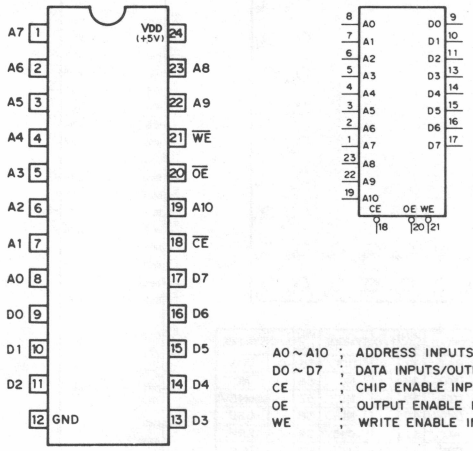


PIN NO	I/O	SYMBOL	PIN NO	I/O	SYMBOL	PIN NO	I/O	SYMBOL	PIN NO	I/O	SYMBOL
1	I	TST	19	I	PAT	37	I	DI3	55	O	VO3
2	I	FEN	20	I	DT0	38		NC	56		NC
3	I	COD	21	I	DT1	39		NC	57		VDD(+5V)
4		NC	22	I	DYC	40		NC	58		GND
5	I	IO4	23		NC	41		VDD(+5V)	59	O	ERR
6	I	IO5	24	O	DRK	42		GND	60	I	BL0
7	I	IO6	25	I	BL4	43		NC	61	I	BL1
8	I	IO7	26	I	BL5	44	I	IO0	62	I	BL2
9		NC	27	I	BL6	45	I	IO1	63	I	BL3
10	I	DH0	28	I	BL7	46	I	IO2	64		GND
11	I	DH1	29	O	OFG	47	I	IO3	65		VDD(+5V)
12		NC	30		NC	48		GND	66	O	DO0
13		NC	31	O	OPH	49		VDD(+5V)	67	O	DO1
14		NC	32		NC	50	I	ARW	68		NC
15	O	VO4	33	O	DO2	51	I	ARC	69	I	DI0
16	O	VO5	34	O	DO3	52	O	VO0	70	I	DI1
17	O	VO6	35		NC	53	O	VO1	71		NC
18	O	VO7	36	I	DI2	54	O	VO2	72	I	CK

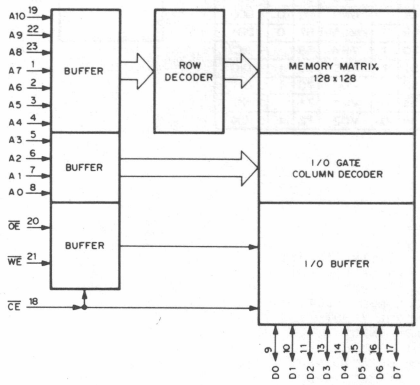
IO0-IO7; VIDEO DATA INPUTS
DI0-DI3; ERROR DATA INPUTS
BL0-BL7; DARK CLIP LEVEL SETTING INPUTS
DT0, DT1; ERROR PHASE THRESHOLD LEVEL INPUTS
DH0, DH1; ERROR PHASE LEVEL INPUTS
PAT; ERROR PATTERN CONTROL INPUT
ARW; FLAG EXPAND CONTROL INPUT
ARC; FLAG AREA CONTROL INPUT
CK; DATA CLOCK INPUT
TST; TEST/NORMAL MODE SELECT INPUT
FEN; VIDEO DATA "FF" DETECT INPUT
COD; 2'S COMPLEMENT/STRAIGHT BINARY SELECT INPUT
DYC; DYNAMIC CONTROL ON/OFF CONTROL INPUT
VO0-VO7; DELAYED VIDEO DATA OR TEST MODE DATA OUTPUT
DO0-DO3; DELAYED DATA OUTPUT
ERR; ERROR PULSE OUTPUT
DRK; DARK CLIP ERROR PULSE OUTPUT
OFG; ERROR FLAG PULSE OR TEST MODE DATA OUTPUT
OPH; ERROR PHASE PULSE OUTPUT



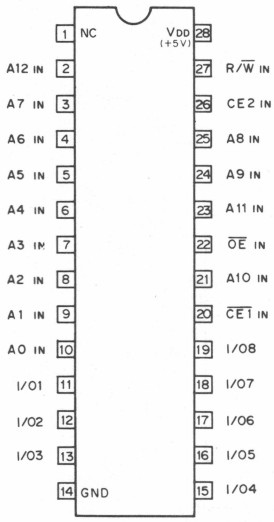
CXK5814P-35 (SONY) (ACCESS TIME = 35nS)
CXK5814P-35L (SONY) (ACCESS TIME = 35nS)
CXK5814P-45 (SONY) (ACCESS TIME = 45nS)
CXK5814P-45L (SONY) (ACCESS TIME = 45nS)
CXK5814P-55 (SONY) (ACCESS TIME = 55nS)
CXK5814P-55L (SONY) (ACCESS TIME = 55nS)
C-MOS 16K(2Kx8) STATIC RAM
— TOP VIEW —

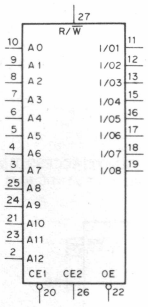


A0 ~ A10 ; ADDRESS INPUTS
D0 ~ D7 ; DATA INPUTS/OUTPUTS
CE ; CHIP ENABLE INPUT
OE ; OUTPUT ENABLE INPUT
WE ; WRITE ENABLE INPUT



CXK5864PN-15 (SONY) (ACCESS TIME = 150 nS)
CXK5864PN-15L (SONY) (ACCESS TIME = 150 nS)
HM6264LFP-15 (HITACHI) (ACCESS TIME = 150 nS) FLAT PACKAGE
HM6264LFP-15T (HITACHI) (ACCESS TIME = 150 nS) FLAT PACKAGE
HM6264LP-12 (HITACHI) (ACCESS TIME = 120 nS)
HM6264LP-15 (HITACHI) (ACCESS TIME = 150 nS)
HM6264P-12 (HITACHI) (ACCESS TIME = 120 nS)
HM6264P-15 (HITACHI) (ACCESS TIME = 150 nS)
TC5565P-15 (TOSHIBA) (ACCESS TIME = 150 nS)
TC5565PL-12 (TOSHIBA) (ACCESS TIME = 120 nS)
TC5565PL-15 (TOSHIBA) (ACCESS TIME = 150 nS)
uPD4364C-15 (NEC) (ACCESS TIME = 150 nS)
uPD4364C-15L (NEC) (ACCESS TIME = 150nS)
uPD4364G-15L (NEC) (ACCESS TIME = 150nS) FLAT PACKAGE
uPD4464C-15 (NEC) (ACCESS TIME = 150nS)
uPD4464C-20 (NEC) (ACCESS TIME = 200nS)
C-MOS 8192 WORDx8-BIT RAM
— TOP VIEW —

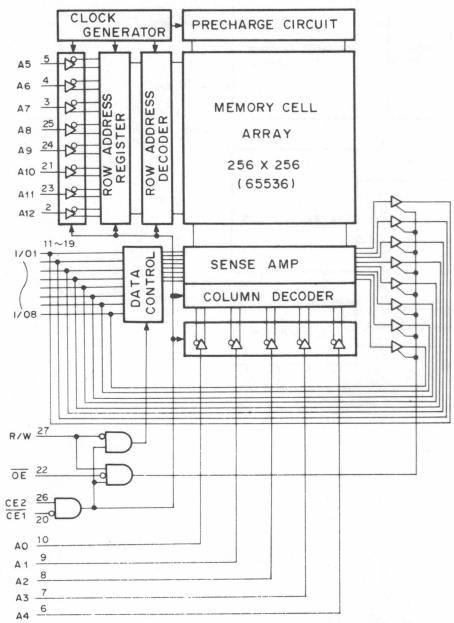




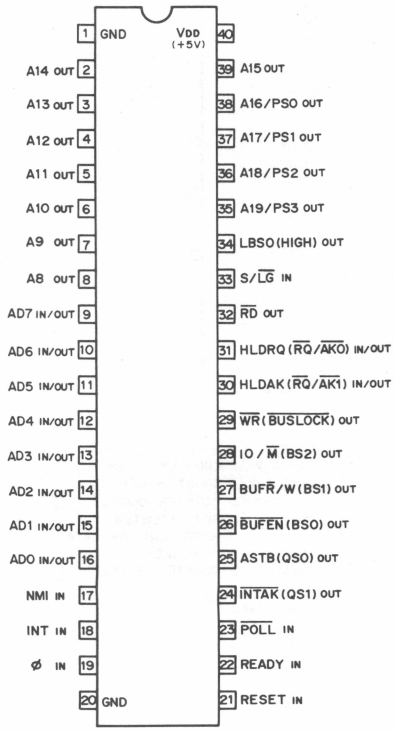
A0–12 ; ADDRESS INPUTS
CE1,2 ; CHIP ENABLE INPUTS
OE ; OUTPUT ENABLE INPUT
I/O1–8 ; DATA INPUTS/OUTPUTS
R/W ; READ/WRITE INPUT

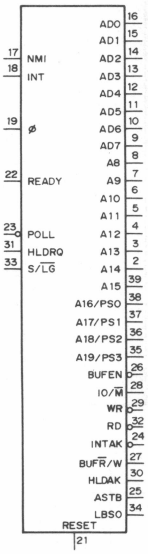
MODE	$\overline{CE1}$	CE2	$\overline{OE}$	R/$\overline{W}$	I/O1 ~ 8
READ	0	1	0	1	DATA OUTPUTS
WRITE	0	1	X	0	DATA INPUTS
OUTPUT DESELECT	0	1	1	1	HI-Z
STANDBY	1	X	X	X	HI-Z
	X	0	X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



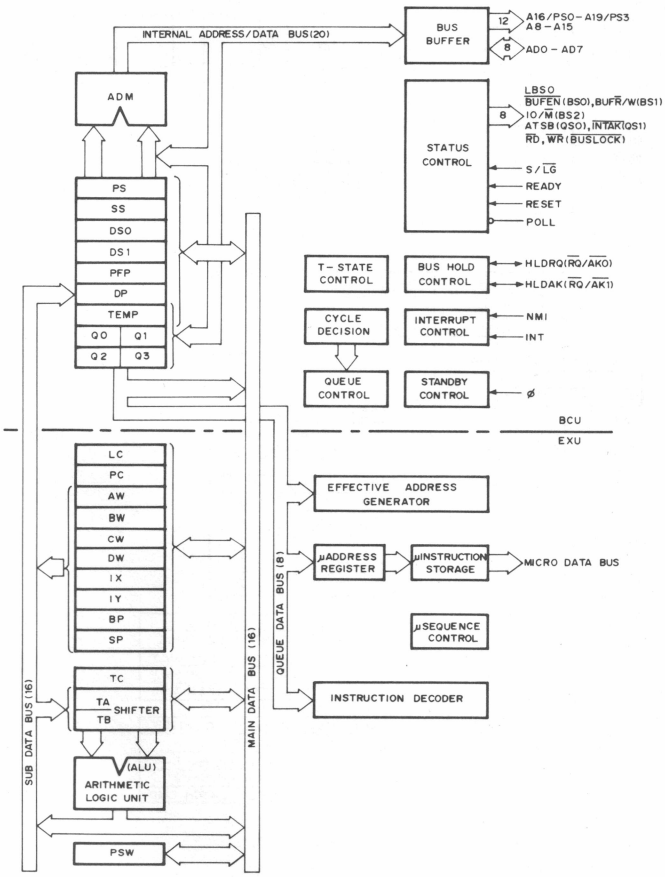
CXQ70108-5 (SONY)
CXQ70108-8 (SONY)
uPD70108D-5 (NEC)
uPD70108D-8 (NEC)
C-MOS 8-BIT MICROPROCESSOR
— TOP VIEW —



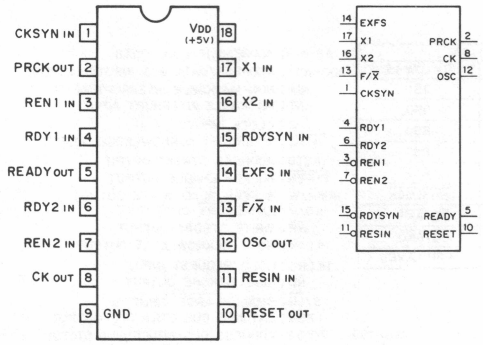


PIN No.	FUNCTION S/LG=HIGH LEVEL	FUNCTION S/LG=LOW LEVEL
24	INTAK	QS1
25	ASTB	QS0
26	BUFEN	BS0
27	BUF R/W	BS1
28	IO/M	BS2
29	WR	BUSLOCK
30	HLDAK	PQ/AK1
31	HLDRQ	PQ/AK0
34	LBS0	HIGH LEVEL

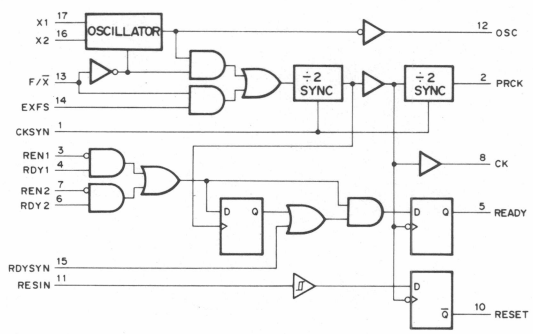
A8-A15 ; ADDRESS BUS OUTPUTS
AD0-AD7 ; ADDRESS/DATA BUS INPUTS/OUTPUTS
NMI ; NON-MASKABLE INTERRUPT INPUT
INT ; MASKABLE INTERRUPT INPUT
Ø ; CLOCK INPUT
INTAK ; INTERRUPT ACKNOWLEDGE OUTPUT
ASTB ; ADDRESS STROBE OUTPUT
BUFEN ; BUFFER ENABLE OUTPUT
BUFR/W ; BUFFER READ/WRITE OUTPUT
IO/M ; IO/MEMORY OUTPUT
WR ; WRITE STROBE OUTPUT
HLDAK ; HOLD ACKNOWLEDGE OUTPUT
HLDRQ ; HOLD REQUEST INPUT
RD ; READ STROBE OUTPUT
S/LG ; SMALL/LARGE INPUT
LBS0 ; LATCHED BUS STATUS 0 OUTPUT
A16/PS0-A19/PS3 ; ADDRESS BUS/PROCESSOR STATUS OUTPUTS
QS0,1 ; QUEUE STATUS OUTPUTS
BS0-BS2 ; BUS STATUS OUTPUTS
BUSLOCK ; BUS LOCK OUTPUT
RQ/AK0,1 ; HOLD REQUEST/ACKNOWLEDGE INPUTS/OUTPUTS



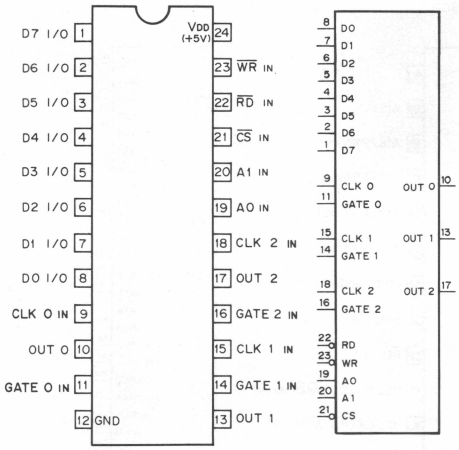
CXQ71011P (SONY)
uPD71011C (NEC)
C-MOS CLOCK PULSE GENERATOR/DRIVER
— TOP VIEW —



X1, X2 ; CRYSTAL INPUT
EXFS ; EXTERNAL FREQUENCY SOURCE INPUT
F/X̄ ; FREQUENCY/CRYSTAL SELECT INPUT
CK ; PROCESSOR CLOCK OUTPUT
PRCK ; PERIPHERAL CLOCK OUTPUT
OSC ; OSCILLATOR OUTPUT
CKSYN ; CLOCK SYNCHRONIZATION INPUT
RESIN ; RESET INPUT
RDY1, RDY2 ; BUS READY INPUT
REN1, REN2 ; READY ENABLE INPUT
RDYSYN ; READY SYNCHRONIZATION SELECT INPUT



CXQ71054P (SONY)
uPD71054C (NEC)
C-MOS PROGRAMMABLE TIMER COUNTER
— TOP VIEW —

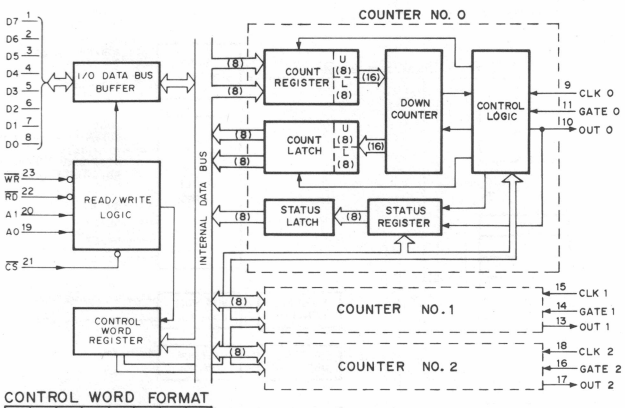


FUNCTION TABLE

INPUTS					FUNCTION
CS	RD	WR	A1	A0	
0	1	0	0	0	Load Counter No. 0
0	1	0	0	1	Load Counter No. 1
0	1	0	1	0	Load Counter No. 2
0	1	0	1	1	Control Word
0	0	1	0	0	Read Counter 0
0	0	1	0	1	Read Counter 1
0	0	1	1	0	Read Counter 2
0	0	1	1	1	No-Operation (HI-Z)
1	X	X	X	X	Disable (HI-Z)
0	1	1	X	X	No-Operation (HI-Z)

D7-D0 ; 8-BIT DATA I/O
CLK 0-2 ; COUNTER CLOCK
GATE 0-2 ; COUNTER GATE
OUT 0-2 ; COUNTER OUTPUT
RD ; READ COUNTER
WR ; WRITE CMD OR DATA
CS ; CHIP SELECT
A0, A1 ; COUNTER SELECT

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



CONTROL WORD FORMAT

D7	D6	D5	D4	D3	D2	D1	D0
SC1	SC0	RL1	RL0	M2	M1	M0	BCD

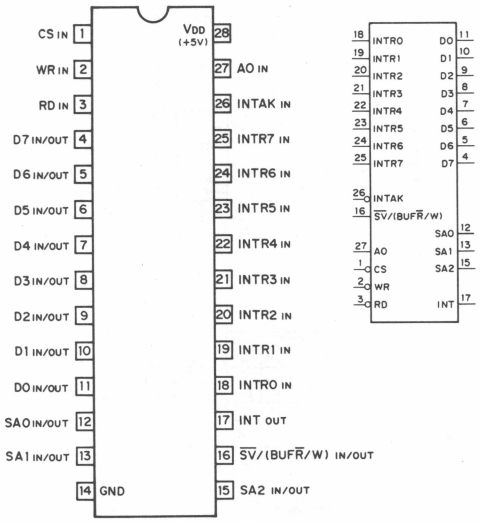
BCD	OPERATION
0	16-BIT BINARY
1	BCD (4-DECADE)

M2	M1	M0	MODE
0	0	0	0
0	0	1	1
X	1	0	2
X	1	1	3
1	0	0	4
1	0	1	5

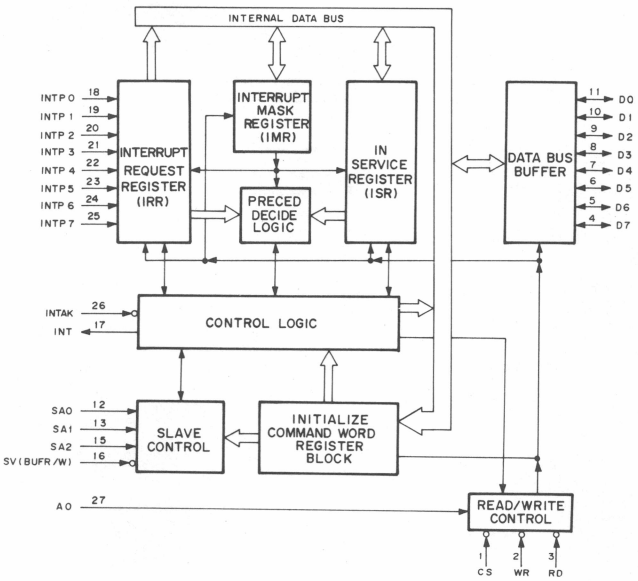
RL1	RL0	OPERATION
0	0	COUNTER LATCHING
0	1	READ/LOAD LSB ONLY
1	0	READ/LOAD MSB ONLY
1	1	LSB FIRST THEN MSB

SC1	SC0	SELECTED COUNTER
0	0	COUNTER No. 0
0	1	COUNTER No. 1
1	0	COUNTER No. 2
1	1	MULTIPLE LATCH CMD

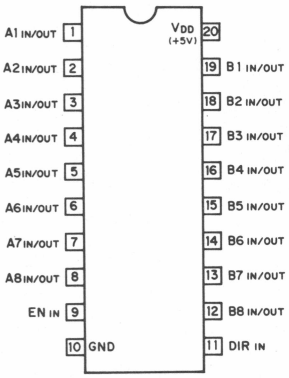
CXQ71059P (SONY)
uPD71059C (NEC)
C-MOS INTERRUPT CONTROL UNIT
— TOP VIEW —



INTR0–INTR7 ; INTERRUPT REQUEST INPUTS
D0–D7 ; DATA BUS INPUTS/OUTPUTS
CS ; CHIP SELECT INPUT
RD ; READ STROBE INPUT
WR ; WRITE STROBE INPUT
A0 ; ADDRESS INPUT
INT ; INTERRUPT OUTPUT
INTAK ; INTERRUPT ACKNOWLEDGE INPUT
$\overline{SV}$/(BUF$\overline{R}$/W) ; SLAVE/BUFFER $\overline{READ}$/WRITE INPUT/OUTPUT
SA0–SA2 ; SLAVE ADDRESS INPUTS/OUTPUTS

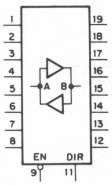


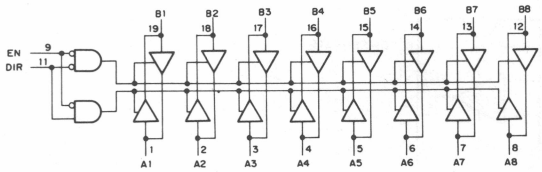
CXQ71086P (SONY)
uPD71086C (NEC)
C-MOS 8-BIT BUS DRIVER/RECEIVER
— TOP VIEW —



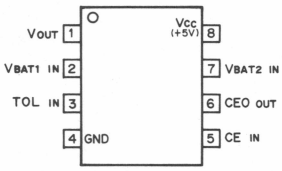
EN	DIR	OPERATION
0	0	B to A
0	1	A to B
1	X	HI – Z

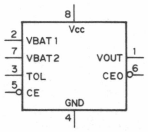
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE





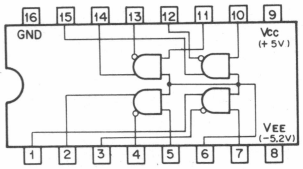
DS1210 (DALLAS SEMICONDUCTOR)
NONVOLATILE CONTROLLER
— TOP VIEW —



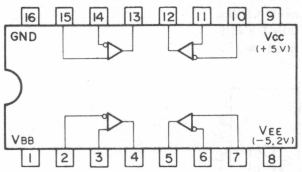


VOUT ; +5V OUTPUT
TOL ; POWER SUPPLY TOLERANCE INPUT
VBAT1, VBAT2 ; + BATTERY INPUTS
CE ; CHIP ENABLE INPUT
CEO ; CHIP ENABLE OUTPUT

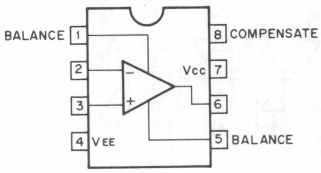
F10124 (FSC)
HD10124 (HITACHI)
MC10124L (MOTOROLA)
MC10H124F (MOTOROLA) FLAT PACKAGE
MC10H124L (MOTOROLA)
MC10H124M (MOTOROLA) FLAT PACKAGE
ECL TTL-TO-ECL TRANSLATOR
— TOP VIEW — MC10124L



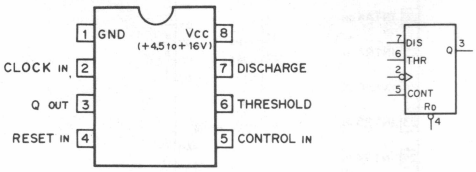
F10125 (FSC)
HD10125 (HITACHI)
HD2923 (HITACHI)
MC10125L (MOTOROLA)
MC10H125F (MOTOROLA) FLAT PACKAGE
MC10H125L (MOTOROLA)
MC10H125M (MOTOROLA) FLAT PACKAGE
ECL ECL-TO-TTL TRANSLATOR
— TOP VIEW —



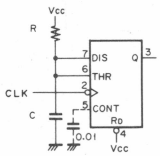
HA3-2525-5 (HARRIS)
HA7-2525 (HARRIS)
OPERATIONAL AMPLIFIER
— TOP VIEW —



HA17555GS (HITACHI)
HA17555PS (HITACHI)
M51841P (MITSUBISHI)
NE555N (SIGNETICS)
NJM555D (JRC)
TL1555P (TI)
uPC1555C (NEC)
PRECISION TIMER
— TOP VIEW —

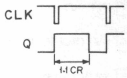


MONOSTABLE MULTIVIBRATOR

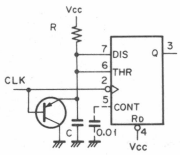


INPUTS		OUT
RD	CLK	Q
0	X	0
1	↓	↑

0, LOW LEVEL
1, HIGH LEVEL
X, DON'T CARE

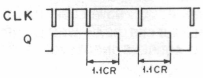


RETRIGGERABLE MONO. MULTIVIBRATOR
(MISSING PULSE DETECTOR)

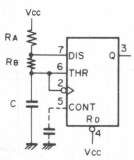


INPUTS		OUT
RD	CLK	Q
0	X	0
1	↓	↑

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

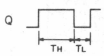


ASTABLE MULTIVIBRATOR



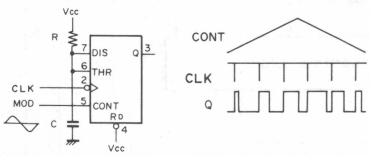
RD	Q
0	0
1	↕

0; LOW LEVEL
1; HIGH LEVEL

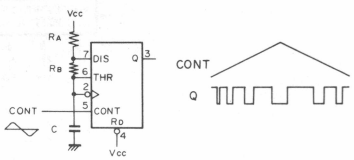


$T_H = 0.693C\ (R_A + R_B)$
$T_L = 0.693C\ R_B$

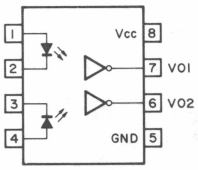
PULSE WIDTH MODULATOR



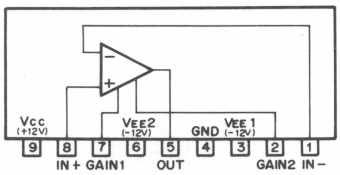
VCO
(PULSE POSITION MODULATOR)



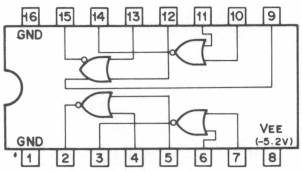
HCPL-2630
ULTRA HIGH SPEED OPTICAL
ISOLATOR
DUAL-CHANNEL

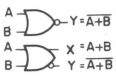


HD-1A (SOSHIN)
HD-1B (SOSHIN)
VIDEO AMPLIFIER
— PRINTED SIDE VIEW —



HD10102 (HITACHI)
MC10102L (MOTOROLA)
MC10H102L (MOTOROLA)
ECL 2-INPUT NOR GATE
— TOP VIEW —

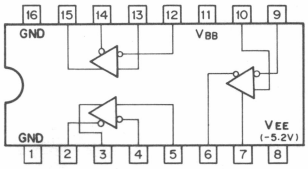




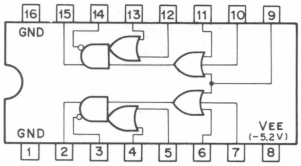
A	B	X	Y
0	0	0	1
0	1	1	0
1	0	1	0
1	1	1	0

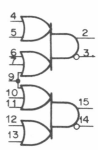
0; LOW LEVEL
1; HIGH LEVEL

HD10116 (HITACHI)
MC10116L (MOTOROLA)
MC10H116F (MOTOROLA) FLAT PACKAGE
MC10H116L (MOTOROLA)
MC10H116M (MOTOROLA) FLAT PACKAGE
ECL DIFFERENTIAL OR/NOR LINE RECEIVER
— TOP VIEW —

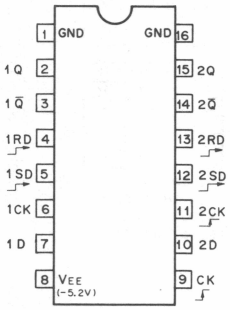


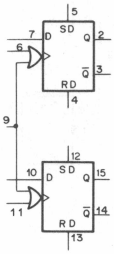
HD10117 (HITACHI)
MC10117L (MOTOROLA)
MC10H117L (MOTOROLA)
ECL 2-WIDE 2-3-INPUT OR-AND/OR-AND-INVERT GATE
— TOP VIEW —





HD10131 (HITACHI)
MC10131L (MOTOROLA)
MC10H131F (MOTOROLA) FLAT PACKAGE
MC10H131L (MOTOROLA)
MC10H131M (MOTOROLA) FLAT PACKAGE
ECL D-TYPE FLIP FLOP
— TOP VIEW —

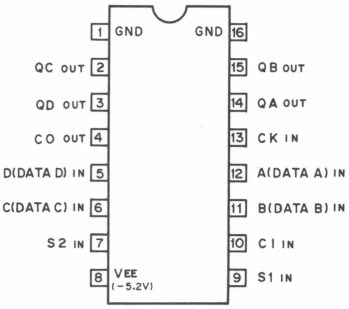


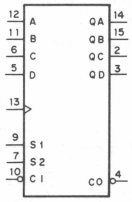


INPUTS				OUTPUTS	
SD	RD	CK	D	Qn+1	$\overline{Qn+1}$
1	0	X	X	1	0
0	1	X	X	0	1
1	1	X	X	ND	ND
0	0	↑	1	1	0
0	0	↑	0	0	1
0	0	0	X	Qn	$\overline{Qn}$

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
ND; NOT DEFINED

HD10136 (HITACHI)
MC10136L (MOTOROLA)
ECL PROGRAMMABLE SYNCHRONOUS 4-BIT BINARY UP/DOWN COUNTER
— TOP VIEW —





MODE SELECTION

INPUTS			MODE
S1	S2	CI	
0	0	X	PRESET (LOAD)
0	1	0	COUNT UP
1	0	0	COUNT DOWN
1	1	X	COUNT HOLD
X	X	1	COUNT DISABLE

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

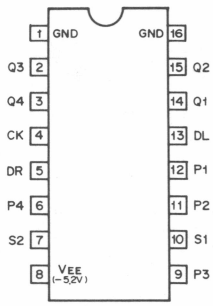
COUNT SEQUENCE

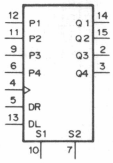
COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

CO GOES LOW WHEN COUNT GOES "15" AT UP-COUNT OR WHEN COUNT GOES "0" AT DOWN COUNT OR WHEN THE COUNTER IS BEING PRESET.

CI INPUT ALLOWS SEVERAL DEVICES TO BE CASCADED IN A FULLY SYNCHRONOUS MULTISTAGE COUNTER.

HD10141 (HITACHI)
MC10141L (MOTOROLA)
MC10H141L (MOTOROLA)
ECL 4-BIT SHIFT REGISTER
— TOP VIEW —



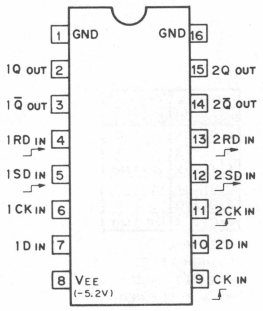


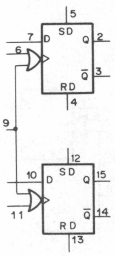
P1 to P4 ; PARALLEL DATA IN
CK ; CLOCK (↑) IN
DR ; DIRECTION RIGHT IN
DL ; DIRECTION LEFT IN
S1, S2 ; MODE SELECT IN

SELECT		MODE	OUTPUT			
S1	S2		Q1n+1	Q2n+1	Q3n+1	Q4n+1
0	0	PARALLEL ENTRY	P1	P2	P3	P4
0	1	SHIFT RIGHT	Q2n	Q3n	Q4n	DR
1	0	SHIFT LEFT	DL	Q1n	Q2n	Q3n
1	1	STOP SHIFT	Q1n	Q2n	Q3n	Q4n

0; LOW LEVEL
1; HIGH LEVEL

HD10231 (HITACHI)
MC10231L (MOTOROLA)
ECL D-TYPE MASTER-SLAVE FLIP FLOP
— TOP VIEW —



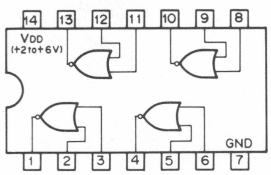


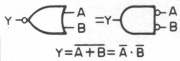
INPUTS		OUTPUTS	
CK	D	Qn+1	$\overline{Qn+1}$
↑0,↓	X	Qn	$\overline{Qn}$
↑	0	0	1
↑	1	1	0

INPUTS		OUTPUTS	
SD	RD	Qn+1	$\overline{Qn+1}$
0	0	Qn	$\overline{Qn}$
1	0	1	0
0	1	0	1
1	1	ND	ND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
ND ; NOT DEFINED

HD74HC02P (HITACHI)
MC74HC02N (MOTOROLA)
MSM74HC02RS (OKI)
SN74HC02N (TI)
SN74HC02NS (TI) FLAT PACKAGE
TC74HC02F (TOSHIBA) FLAT PACKAGE
TC74HC02P (TOSHIBA)
uPD74HC02C (NEC)
C MOS 2-INPUT POSITIVE-NOR GATE
— TOP VIEW —



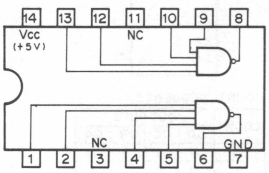


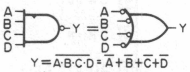
$Y = \overline{A+B} = \overline{A} \cdot \overline{B}$

A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 : LOW LEVEL
1 ; HIGH LEVEL

HD7420P (HITACHI)
HD74LS20P (HITACHI)
M74LS20P (MITSUBISHI)
MB74LS20 (FUJITSU)
SN7420N (TI)
SN74ALS20AN (TI)
SN74AS20N (TI)
SN74LS20N (TI)
SN74S20N (TI)
TTL 4-INPUT POSITIVE NAND GATE
— TOP VIEW —



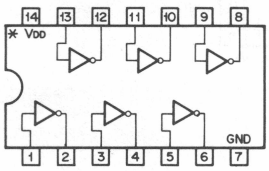


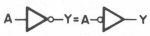
$Y = \overline{A \cdot B \cdot C \cdot D} = \overline{A} + \overline{B} + \overline{C} + \overline{D}$

A	B	C	D	Y
0	0	0	0	1
0	0	0	1	1
0	0	1	0	1
0	0	1	1	1
0	1	0	0	1
⋮	⋮	⋮	⋮	⋮
1	1	0	1	1
1	1	1	0	1
1	1	1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

HD74HC04P (HITACHI)
MC74HC04F (MOTOROLA) FLAT PACKAGE
MC74HC04N (MOTOROLA)
MC74HCT04N (MOTOROLA)
MC74HCU04N (MOTOROLA)
MN74HC04S (MATSUSHITA) FLAT PACKAGE
MSM74HC04RS (OKI)
SN74HC04N (TI)
SN74HCU04N (TI)
SN74HC04NS (TI) FLAT PACKAGE
TC74HC04F (TOSHIBA) FLAT PACKAGE
TC74HC04P (TOSHIBA)
TC74HCT04P (TOSHIBA)
TC74HCU04F (TOSHIBA) FLAT PACKAGE
TC74HCU04P (TOSHIBA)
uPD74HC04G (NEC) FLAT PACKAGE
uPD74HCU04C (NEC)
C-MOS INVERTER
— TOP VIEW —





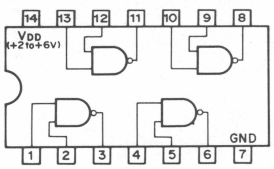
$Y = \overline{A}$

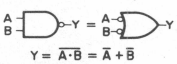
A	Y
0	1
1	0

0 : LOW LEVEL
1 : HIGH LEVEL

* VDD HC, HCU ; +2 to +6V
HCT ; +5V

HD74HC00P (HITACHI)
MC74HC00F (MOTOROLA) FLAT PACKAGE
MC74HC00N (MOTOROLA)
MN74HC00S (MATSUSHITA) FLAT PACKAGE
MSM74HC00RS (OKI)
SN74HC00N (TI)
SN74HC00NS (TI) FLAT PACKAGE
TC74HC00F (TOSHIBA) FLAT PACKAGE
TC74HC00P (TOSHIBA)
uPD74HC00C (NEC)
uPD74HC00G (NEC) FLAT PACKAGE
C-MOS 2-INPUT NAND GATE
— TOP VIEW —



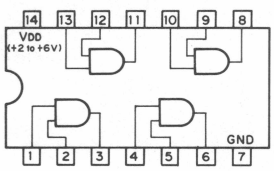


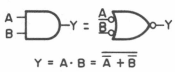
$Y = \overline{A \cdot B} = \overline{A} + \overline{B}$

A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

HD74HC08P (HITACHI)
MC74HC08N (MOTOROLA)
SN74HC08N (TI)
SN74HC08NS (TI) FLAT PACKAGE
TC74HC08F (TOSHIBA) FLAT PACKAGE
TC74HC08P (TOSHIBA)
uPD74HC08C (NEC)
C-MOS 2-INPUT AND GATE
— TOP VIEW —



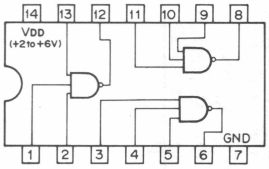


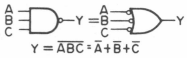
$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

HD74HC10P (HITACHI)
MC74HC10N (MOTOROLA)
MSM74HC10RS (OKI)
SN74HC10N (TI)
TC74HC10F (TOSHIBA) FLAT PACKAGE
TC74HC10P (TOSHIBA)
uPD74HC10C (NEC)
C-MOS 3-INPUT NAND GATE
— TOP VIEW —

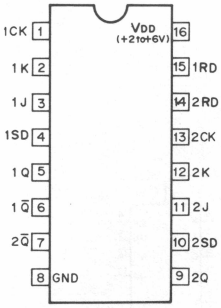


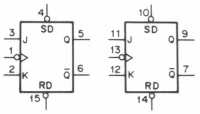


A	B	C	Y
0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

HD74HC112P (HITACHI)
MC74HC112N (MOTOROLA)
SN74HC112N (TI)
TC74HC112P (TOSHIBA)
C-MOS J-K FLIP-FLOP WITH DIRECT SET/RESET
— TOP VIEW —

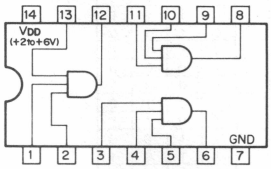


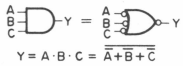


INPUT					OUTPUT	
SD	RD	CK	J	K	Qn+1	$\overline{Qn+1}$
0	1	X	X	X	1	0
1	0	X	X	X	0	1
0	0	X	X	X	1*	1*
1	1	↑	0	0	Qn	$\overline{Qn}$
			0	1	0	1
			1	0	1	0
			1	1	$\overline{Qn}$	Qn
1	1	1	X	X	Qn	$\overline{Qn}$

0; LOW LEVEL X; DON'T CARE
1; HIGH LEVEL *; NONSTABLE

HD74HC11P (HITACHI)
MC74HC11F (MOTOROLA) FLAT PACKAGE
MC74HC11N (MOTOROLA)
SN74HC11N (TI)
SN74HC11NS (TI) FLAT PACKAGE
TC74HC11F (TOSHIBA) FLAT PACKAGE
TC74HC11P (TOSHIBA)
C-MOS 3-INPUT POSITIVE-AND GATE

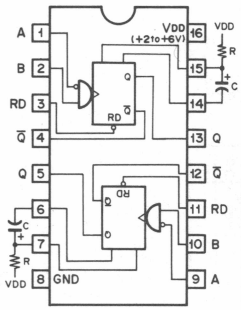




A	B	C	Y
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	1

0; LOW LEVEL
1; HIGH LEVEL

HD74HC123P (HITACHI)
MC74HC123N (MOTOROLA)
TC74HC123F (TOSHIBA) FLAT PACKAGE
TC74HC123P (TOSHIBA)
uPD74HC123AC (NEC)
uPD74HC123C (NEC)
C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
— TOP VIEW —

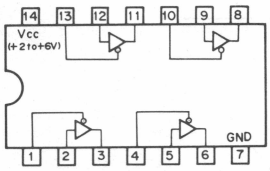


INPUT			OUTPUT	
RD	A	B	Q	Q̄
0	X	X	0	1
1	1	X	0	1
1	X	0	0	1
1	0	↓	↓	↑
1	↑	1	↓	↑
↓	0	1	↓	↑

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

OUTPUT PULSE WIDTH = 0.46CR

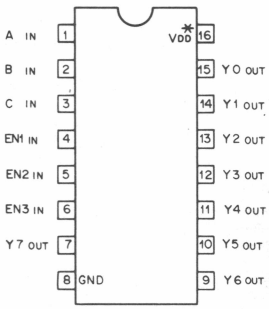
HD74HC125P (HITACHI)
MC74HC125N (MOTOROLA)
SN74HC125N (TI)
uPD74HC125C (NEC)
C-MOS BUS BUFFER GATES WITH 3-STATE OUTPUT
— TOP VIEW —

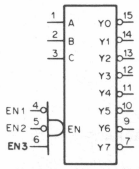


G	A	Y
0	0	0
0	1	1
1	X	HI-Z

0; LOW LEVEL X; DON'T CARE
1; HIGH LEVEL HI-Z; HIGH IMPEDANCE

HD74HC138P (HITACHI)
HD74HCT138P (HITACHI)
MC74HC138N (MOTOROLA)
MC74HCT138N (MOTOROLA)
SN74HC138N (TI)
SN74HC138NS (TI) FLAT PACKAGE
TC74HC138F (TOSHIBA) FLAT PACKAGE
TC74HC138P (TOSHIBA)
TC74HCT138P (TOSHIBA)
C-MOS 3-TO-8 LINE DECODER/DEMULTIPLEXER
— TOP VIEW —





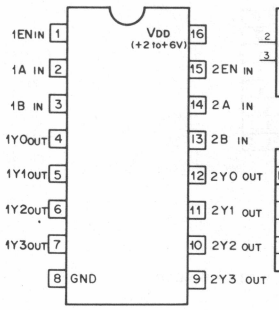
* VDD HC ; +2 to +6V
HCT ; +5V

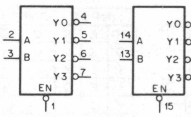
INPUT				OUTPUT							
EN	C	B	A	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
0	X	X	X	1	1	1	1	1	1	1	1
1	0	0	0	1	1	1	1	1	1	1	0
1	0	0	1	1	1	1	1	1	1	0	1
1	0	1	0	1	1	1	1	1	0	1	1
1	0	1	1	1	1	1	1	0	1	1	1
1	1	0	0	1	1	1	0	1	1	1	1
1	1	0	1	1	1	0	1	1	1	1	1
1	1	1	0	1	0	1	1	1	1	1	1
1	1	1	1	0	1	1	1	1	1	1	1

EN = $\overline{EN1}\cdot\overline{EN2}\cdot EN3$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

HD74HC139P (HITACHI)
MC74HC139N (MOTOROLA)
MSM74HC139RS (OKI)
SN74HC139N (TI)
TC74HC139F (TOSHIBA) FLAT PACKAGE
TC74HC139P (TOSHIBA)
uPD74HC139C (NEC)
C-MOS 1-OF-4 DECODER/DEMULTIPLEXER
— TOP VIEW —

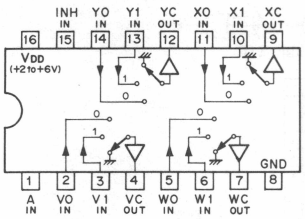


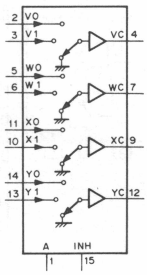


INPUTS			OUTPUTS			
EN	B	A	Y3	Y2	Y1	Y0
0	0	0	1	1	1	0
0	0	1	1	1	0	1
0	1	0	1	0	1	1
0	1	1	0	1	1	1
1	X	X	1	1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

HD74HC157P (HITACHI)
MC74HC157N (MOTOROLA)
MSM74HC157RS (OKI)
SN74HC157N (TI)
TC74HC157F (TOSHIBA) FLAT PACKAGE
TC74HC157P (TOSHIBA)
uPD74HC157C (NEC)
C-MOS 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

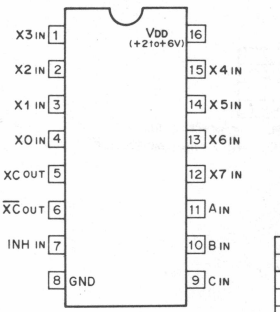


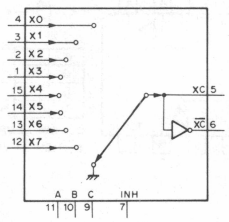


CONT. IN		ON CHANNEL
INH	A	
0	0	0
0	1	1
1	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

HD74HC151P (HITACHI)
MC74HC151N (MOTOROLA)
SN74HC151N (TI)
TC74HC151P (TOSHIBA)
C-MOS 8-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

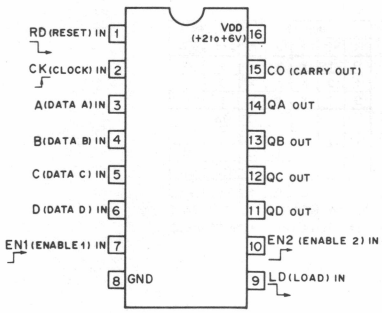


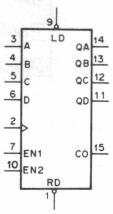


CONTROL INPUT				ON CHANNEL
INH	C	B	A	
0	0	0	0	0
0	0	0	1	1
0	0	1	0	2
0	0	1	1	3
0	1	0	0	4
0	1	0	1	5
0	1	1	0	6
0	1	1	1	7
1	X	X	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

HD74HC161P (HITACHI)
MC74HC161N (MOTOROLA)
SN74HC161N (TI)
TC74HC161F (TOSHIBA) FLAT PACKAGE
TC74HC161P (TOSHIBA)
C-MOS SYNCHRONOUS PRESETTABLE 4-BIT BINARY COUNTER
— TOP VIEW —





MODE SELECTION

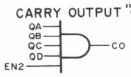
CONTROL INPUT				MODE
RD	LD	EN1	EN2	
0	X	X	X	RESET (ASYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

COUNT SEQUENCE

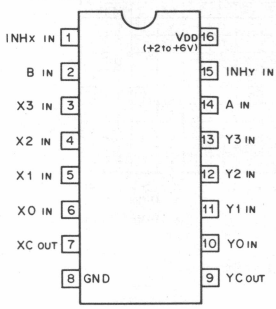
COUNT	OUTPUT			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

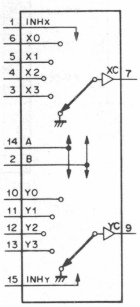
CARRY OUTPUT "CO"



CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

HD74HC153P (HITACHI)
MC74HC153N (MOTOROLA)
SN74HC153N (TI)
SN74HC153NS (TI) FLAT PACKAGE
TC74HC153F (TOSHIBA) FLAT PACKAGE
TC74HC153P (TOSHIBA)
C-MOS 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

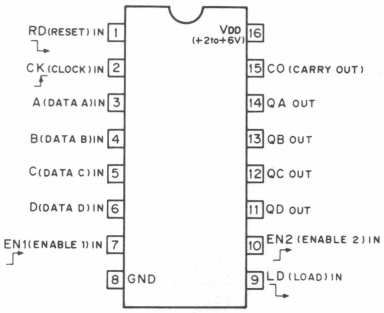


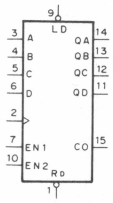


CONTROL IN			ON CHANNEL
INH	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

HD74HC162P (HITACHI)
MC74HC162N (MOTOROLA)
SN74HC162N (TI)
TC74HC162P (TOSHIBA)
C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BCD COUNTER
— TOP VIEW —





MODE SELECTION

CONTROL INPUTS				MODE
RD	LD	EN1	EN2	
0	X	X	X	RESET (ASYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

COUNT SEQUENCE

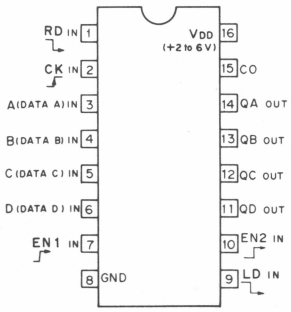
COUNT	OUTPUTS				
	QD	QC	QB	QA	CO
0	0	0	0	0	0
1	0	0	0	1	0
2	0	0	1	0	0
3	0	0	1	1	0
4	0	1	0	0	0
5	0	1	0	1	0
6	0	1	1	0	0
7	0	1	1	1	0
8	1	0	0	0	0
9	1	0	0	1	1

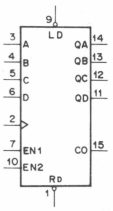
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

CARRY OUTPUT "CO"

CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "9".

HD74HC163P (HITACHI)
MC74HC163N (MOTOROLA)
MSM74HC163RS (OKI)
SN74HC163N (TI)
TC74HC163P (TOSHIBA)
uPD74HC163C (NEC)
C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER
— TOP VIEW —





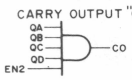
MODE SELECTION

CONTROL INPUTS				MODE
RD	LD	EN1	EN2	
0	X	X	X	RESET (SYNCHRONOUS)
1	0	X	X	PRESET (SYNCHRONOUS)
1	1	0	X	NO COUNT
1	1	X	0	NO COUNT
1	1	1	1	COUNT

COUNT SEQUENCE

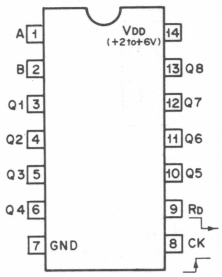
COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

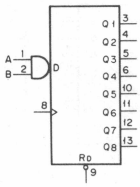
CARRY OUTPUT "CO"



CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

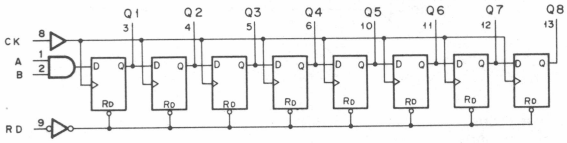
HD74HC164P (HITACHI)
MC74HC164N (MOTOROLA)
SN74HC164N (TI)
TC74HC164P (TOSHIBA)
uPD74HC164C (NEC)
C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
— TOP VIEW —



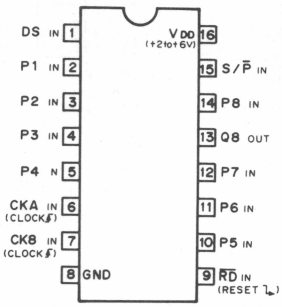


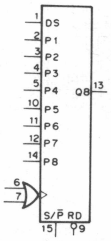
INPUTS				OUTPUTS			
RD	CK	A	B	Q1	Q2	----	Q8
0	X	X	X	0	0	0	0
1	0	X	X	Q1o	Q2o	----	Q8o
1	↑	1	1	1	Q1n	----	Q7n
1	↑	0	X	0	Q1n	----	Q7n
1	↑	X	0	0	Q1n	----	Q7n

0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE

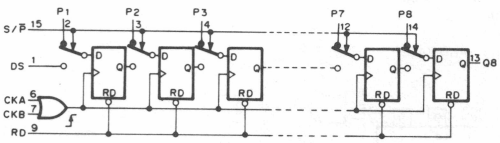


HD74HC166P (HITACHI)
MC74HC166N (MOTOROLA)
SN74HC166N (TI)
TC74HC166P (TOSHIBA)
C-MOS 8-BIT SHIFT REGISTER
— TOP VIEW —





DS : DATA SERIAL INPUT
PI - P8 : DATA PARALLEL INPUT
CK : CLOCK

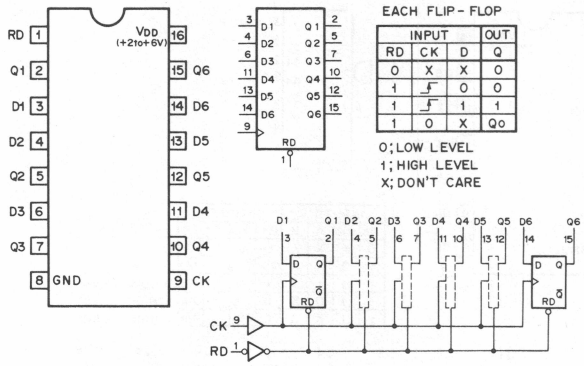


CKA	CKB	CK
0	0	0
X	1	1
1	X	1
1	↑	1
↑	1	1
0	↑	↑
↑	0	↑

INPUT					OUTPUT
RD	S/P̄	CK	DS	P1-P8	Q8
0	X	X	X	X	0
1	X	0	X	X	Q8o
1	0	↑	X	1-8	8
1	1	↑	1	X	Q7n
1	1	↑	0	X	Q7n
1	X	↑	X	X	Q8o

0 ;LOW LEVEL
1 ;HIGH LEVEL
X ;DON'T CARE

HD74HC174P (HITACHI)
MC74HC174N (MOTOROLA)
SN74HC174N (TI)
TC74HC174F (TOSHIBA) FLAT PACKAGE
TC74HC174P (TOSHIBA)
C-MOS D-TYPE FLIP-FLOP WITH RESET
— TOP VIEW —

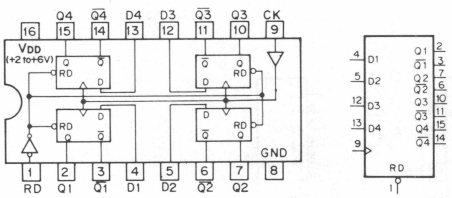


EACH FLIP-FLOP

INPUT			OUT
RD	CK	D	Q
0	X	X	0
1	↓	0	0
1	↓	1	1
1	0	X	Qo

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

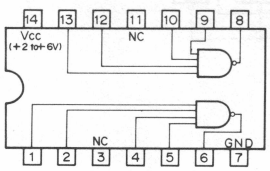
HD74HC175P (HITACHI)
MC74HC175N (MOTOROLA)
MSM74HC175RS (OKI)
SN74HC175N (TI)
SN74HC175NS (TI) FLAT PACKAGE
TC74HC175F (TOSHIBA) FLAT PACKAGE
TC74HC175P (TOSHIBA)
uPD74HC175C (NEC)
C-MOS D-TYPE FLIP-FLOP WITH RESET
— TOP VIEW —

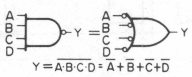


RD	CK	D	Q	Q̄
0	X	X	0	1
1	↓	1	1	0
1	↓	0	0	1
1	0	X	Qo	Q̄o

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

HD74HC20P (HITACHI)
MC74HC20N (MOTOROLA)
MSM74HC20RS (FUJITSU)
SN74HC20N (TI)
TC74HC20F (TOSHIBA) FLAT PACKAGE
TC74HC20P (TOSHIBA)
uPD74HC20C (NEC)
C-MOS 4-INPUT POSITIVE-NAND GATE
— TOP VIEW —



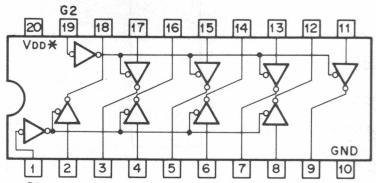


$Y = \overline{A \cdot B \cdot C \cdot D} = \overline{A} + \overline{B} + \overline{C} + \overline{D}$

A	B	C	D	Y
0	0	0	0	1
0	0	0	1	1
0	0	1	0	1
0	0	1	1	1
0	1	0	0	1
⋮	⋮	⋮	⋮	⋮
1	1	0	1	1
1	1	1	0	1
1	1	1	1	0

0; LOW LEVEL
1; HIGH LEVEL

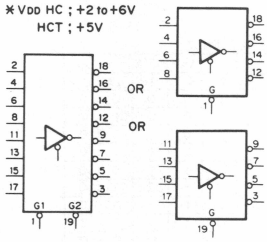
HD74HC240P (HITACHI)
HD74HCT240P (HITACHI)
MC74HC240N (MOTOROLA)
MC74HCT240N (MOTOROLA)
MSM74HC240RS (OKI)
SN74HC240N (TI)
SN74HCT240N (TI)
TC74HC240P (TOSHIBA)
TC74HCT240P (TOSHIBA)
uPD74HC240C (NEC)
C-MOS 3-STATE INVERTER/LINE DRIVER
— TOP VIEW —



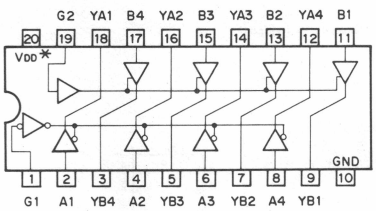
G	A	Y
0	0	1
0	1	0
1	X	HI-Z

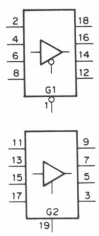
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
HI-Z; HIGH IMPEDANCE

* VDD HC; +2 to +6V
HCT; +5V

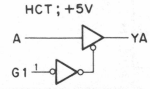


HD74HC241P (HITACHI)
HD74HCT241P (HITACHI)
MC74HC241N (MOTOROLA)
MC74HCT241N (MOTOROLA)
SN74HC241N (TI)
SN74HCT241N (TI)
TC74HC241P (TOSHIBA)
TC74HCT241P (TOSHIBA)
C-MOS 3-STATE NONINVERTING BUFFER/LINE DRIVER/LINE RECEIVER
— TOP VIEW —

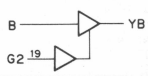




* VDD
HC; +2 to +6V
HCT; +5V



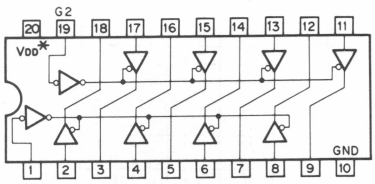
G1	A	YA
0	0	0
0	1	1
1	X	HI-Z

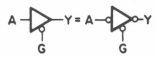


G2	B	YB
1	0	0
1	1	1
0	X	HI-Z

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
HI-Z; HIGH IMPEDANCE

HD74HC244P (HITACHI)
MC74HC244N (MOTOROLA)
MC74HCT244N (MOTOROLA)
MSM74HC244RS (OKI)
SN74HC244N (TI)
SN74HC244NS (TI) FLAT PACKAGE
SN74HCT244N (TI)
TC74HC244F (TOSHIBA) FLAT PACKAGE
TC74HC244P (TOSHIBA)
TC74HCT244P (TOSHIBA)
uPD74HC244C (NEC)
C-MOS BUS BUFFER WITH 3-STATE OUTPUT
— TOP VIEW —

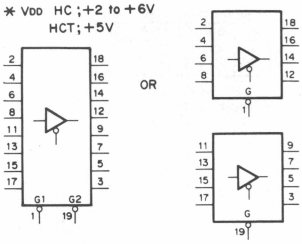




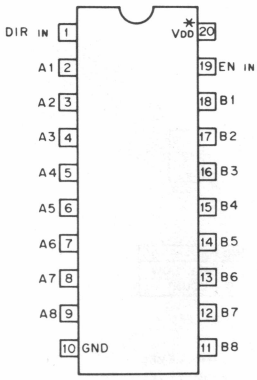
G	A	Y
0	0	0
0	1	1
1	X	HI-Z

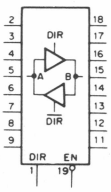
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
HI-Z; HIGH IMPEDANCE

* VDD HC; +2 to +6V
HCT; +5V



HD74HC245P (HITACHI)
HD74HCT245P (HITACHI)
MC74HC245N (MOTOROLA)
MC74HCT245N (MOTOROLA)
MSM74HC245RS (OKI)
SN74HC245N (TI)
SN74HC245NS (TI) FLAT PACKAGE
SN74HCT245N (TI)
TC74HC245F (TOSHIBA) FLAT PACKAGE
TC74HC245P (TOSHIBA)
uPD74HC245C (NEC)
uPD74HC245G (NEC) FLAT PACKAGE
C-MOS BILATERAL BUS TRANSCEIVERS WITH 3-STATE OUTPUT
— TOP VIEW —

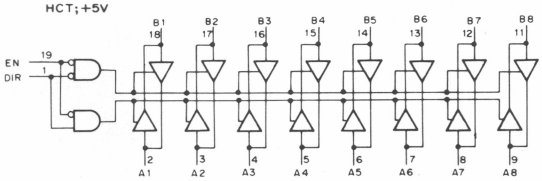




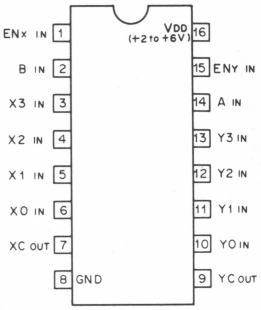
EN	DIR	OPERATION
0	0	B to A
0	1	A to B
1	X	HI-Z

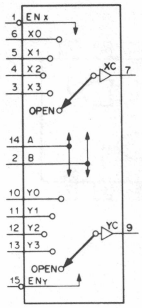
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
HI-Z; HIGH IMPEDANCE

* VDD HC; +2 to +6V
HCT; +5V



HD74HC253P (HITACHI)
MC74HC253N (MOTOROLA)
SN74HC253N (TI)
TC74HC253P (TOSHIBA)
C-MOS 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

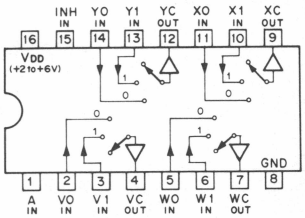


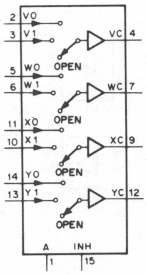


CONTROL IN			ON CHANNEL
EN	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	OPEN

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

HD74HC257P (HITACHI)
MC74HC257N (MOTOROLA)
SN74HC257N (TI)
SN74HC257NS (TI) FLAT PACKAGE
TC74HC257F (TOSHIBA) FLAT PACKAGE
TC74HC257P (TOSHIBA)
C-MOS 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —

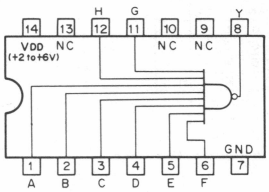


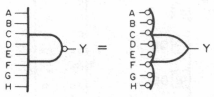


CONT. IN		ON CHANNEL
INH	A	
0	0	0
0	1	1
1	X	OPEN

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

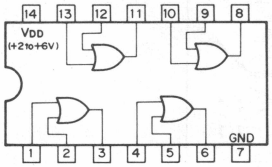
HD74HC30P (HITACHI)
MC74HC30N (MOTOROLA)
MSM74HC30RS (OKI)
SN74HC30N (TI)
SN74HC30NS (TI) FLAT PACKAGE
TC74HC30F (TOSHIBA) FLAT PACKAGE
TC74HC30P (TOSHIBA)
uPD74HC30C (NEC)
C-MOS 8-INPUT POSITIVE-NAND GATE
— TOP VIEW —

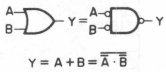




$Y = \overline{A \cdot B \cdot C \cdot D \cdot E \cdot F \cdot G \cdot H}$
$= \overline{A} + \overline{B} + \overline{C} + \text{----} + \overline{H}$

HD74HC32P (HITACHI)
MC74HC32N (MOTOROLA)
SN74HC32N (TI)
SN74HC32NS (TI) FLAT PACKAGE
TC74HC32F (TOSHIBA) FLAT PACKAGE
TC74HC32P (TOSHIBA)
C-MOS 2-INPUT OR GATE
— TOP VIEW —

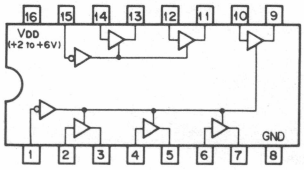




A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

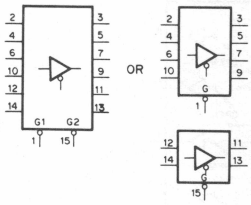
0:LOW LEVEL
1:HIGH LEVEL

HD74HC367P (HITACHI)
MC74HC367F (MOTOROLA) FLAT PACKAGE
MC74HC367N (MOTOROLA)
MN74HC367S (MATSUSHITA) FLAT PACKAGE
SN74HC367N (TI)
SN74HC367NS (TI) FLAT PACKAGE
TC74HC367F (TOSHIBA) FLAT PACKAGE
TC74HC367P (TOSHIBA)
uPD74HC367C (NEC)
uPD74HC367G (NEC) FLAT PACKAGE
C-MOS BUS DRIVER WITH 3-STATE OUTPUTS
— TOP VIEW —

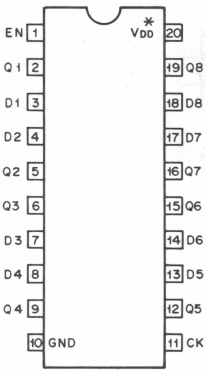


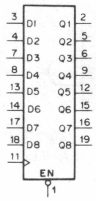
G	A	Y
0	0	0
0	1	1
1	X	HI-Z

0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE
HI-Z;HIGH IMPEDANCE



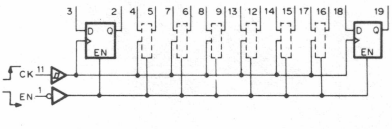
HD74HC374P (HITACHI)
HD74HCT374P (HITACHI)
MC74HC374F (MOTOROLA) FLAT PACKAGE
MC74HC374N (MOTOROLA)
MC74HCT374N (MOTOROLA)
MN74HC374S (MATSUSHITA) FLAT PACKAGE
MSM74HC374RS (OKI)
SN74HC374N (TI)
SN74HCT374N (TI)
TC74HC374F (TOSHIBA) FLAT PACKAGE
TC74HC374P (TOSHIBA)
uPD74HC374C (NEC)
uPD74HC374G (NEC) FLAT PACKAGE
C-MOS 3-STATE OCTAL D-TYPE FLIP-FLOP
— TOP VIEW —





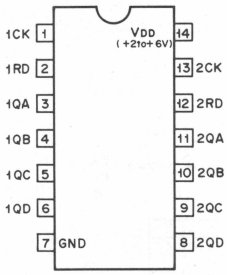
INPUTS			OUT
EN	D	CK	Q
0	1	↑	1
0	0	↑	0
0	X	0	Q0
1	X	X	HI-Z

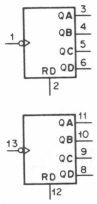
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z;HIGH IMPEDANCE



*VDD HC ; +2to+6V
HCT ; +5V

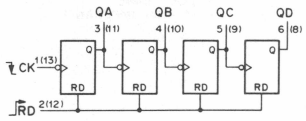
HD74HC393P (HITACHI)
MC74HC393N (MOTOROLA)
SN74HC393N (TI)
TC74HC393P (TOSHIBA)
C-MOS 4-BIT BINARY COUNTER
— TOP VIEW —





COUNT SEQUENCE

COUNT	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

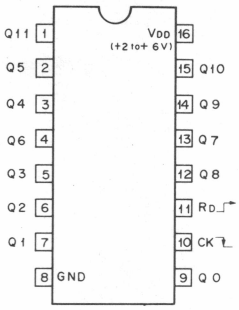


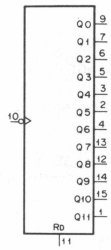
RESET/COUNT FUNCTION

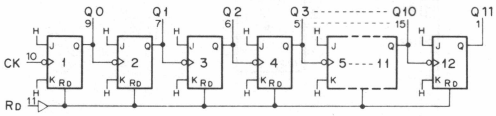
RD	QD	QC	QB	QA
1	0	0	0	0
0	COUNT			

0;LOW LEVEL
1;HIGH LEVEL

HD74HC4040P (HITACHI)
MC74HC4040N (MOTOROLA)
MSM74HC4040RS (OKI)
SN74HC4040N (TI)
SN74HC4040NS (TI) FLAT PACKAGE
TC74HC4040P (TOSHIBA)
C-MOS 12-STAGE RIPPLE CARRY BINARY COUNTER/DRIVER
— TOP VIEW —





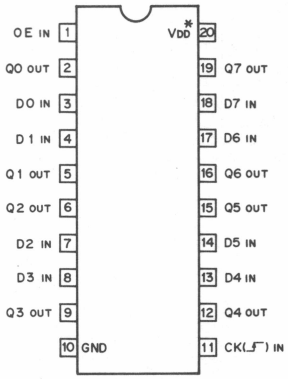


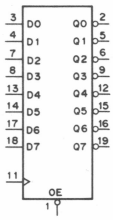
COUNT	Q11	Q10	Q9	Q8	Q7	Q6	Q5	Q4	Q3	Q2	Q1	Q0
0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	1	0
3	0	0	0	0	0	0	0	0	0	0	1	1
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
4095	1	1	1	1	1	1	1	1	1	1	1	1

RD	Q11 ····· Q0
1	ALL LOW
0	COUNT

0;LOW LEVEL
1;HIGH LEVEL

HD74HC534P (HITACHI)
HD74HCT534P (HITACHI)
MC74HC534N (MOTOROLA)
MC74HCT534N (MOTOROLA)
SN74HC534N (TI)
TC74HC534P (TOSHIBA)
C-MOS 3-STATE INVERTING D-TYPE FLIP-FROP
— TOP VIEW —

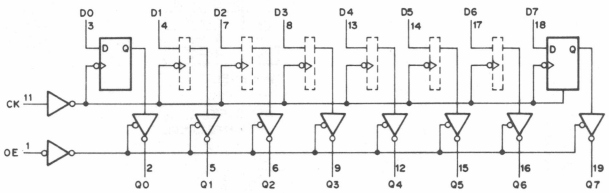




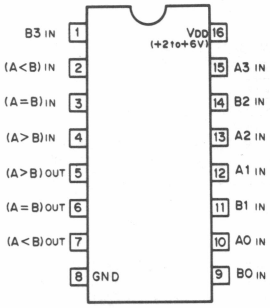
INPUTS			OUTPUT
OE	CK	D	Q
0	↑	1	0
0	↑	0	1
0	0,1,↓	X	NO CHANGE
1	X	X	HI-Z

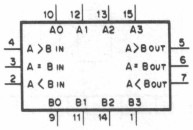
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

* VDD
HC ; +2 to +6V
HCT ; +5V



HD74HC85P (HITACHI)
MC74HC85N (MOTOROLA)
SN74HC85N (TI)
SN74HC85NS (TI) FLAT PACKAGE
TC74HC85F (TOSHIBA) FLAT PACKAGE
TC74HC85P (TOSHIBA)
C-MOS 4-BIT MAGNITUDE COMPARATOR
— TOP VIEW —

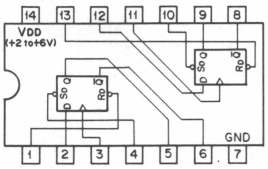




INPUTS								OUTPUTS		
DATA COMPARING					CASCADING					
	A3, B3	A2, B2	A1, B1	A0, B0	A<B	A=B	A>B	A<B	A=B	A>B
A>B	A3>B3	X	X	X	X	X	X	0	0	1
	A3=B3	A2>B2	X	X						
	A3=B3	A2=B2	A1>B1	X						
	A3=B3	A2=B2	A1=B1	A0>B0						
A=B	A3=B3	A2=B2	A1=B1	A0=B0	0	0	0	1	0	1
					0	0	1	0	0	1
					X	1	X	0	1	0
					1	0	0	1	0	0
					1	0	1	0	0	0
A<B	A3=B3	A2=B2	A1=B1	A0<B0	X	X	X	1	0	0
	A3=B3	A2=B2	A1<B1	X						
	A3=B3	A2<B2	X	X						
	A3<B3	X	X	X						

0 ; LOW LEVEL 1 ; HIGH LEVEL X ; DON'T CARE

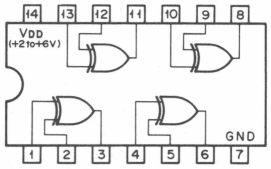
HD74HC74P (HITACHI)
MC74HC74F (MOTOROLA) FLAT PACKAGE
MC74HC74N (MOTOROLA)
MN74HC74S (MATSUSHITA) FLAT PACKAGE
MSM74HC74RS (OKI)
SN74HC74N (TI)
SN74HC74NS (TI) FLAT PACKAGE
TC74HC74F (TOSHIBA) FLAT PACKAGE
TC74HC74P (TOSHIBA)
uPD74HC74C (NEC)
uPD74HC74G (NEC) FLAT PACKAGE
C-MOS D-TYPE FLIP FLOP WITH DIRECT SET/RESET
— TOP VIEW —



INPUTS				OUTPUTS	
$\overline{S_D}$	$\overline{R_D}$	CK	D	Qn+1	$\overline{Q_{n+1}}$
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1*	1*
1	1	↑	1	1	0
1	1	↑	0	0	1
1	1	0	X	Qn	$\overline{Q_n}$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
1* ; NONSTABLE

HD74HC86P (HITACHI)
MC74HC86N (MOTOROLA)
SN74HC86N (TI)
SN74HC86NS (TI) FLAT PACKAGE
TC74HC86F (TOSHIBA) FLAT PACKAGE
TC74HC86P (TOSHIBA)
uPD74HC86C (NEC)
C-MOS EXCLUSIVE OR GATE
— TOP VIEW —

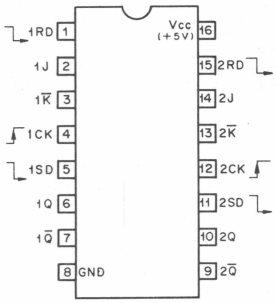


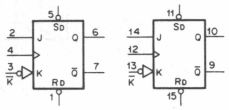
$Y = \overline{A} \cdot B + A \cdot \overline{B}$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

HD74LS109AP (HITACHI)
HD74LS109P (HITACHI)
M74LS109AP (MITSUBISHI)
MB74LS109A (FUJITSU)
N74F109N (SIGNETICS)
SN74109N (TI)
SN74ALS109AN (TI)
SN74LS109AN (TI)
TTL J-K FLIP-FLOP WITH DIRECT SET/RESET
— TOP VIEW —

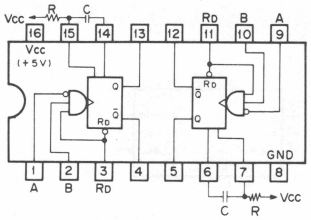




INPUTS					OUTPUTS	
$\overline{S_D}$	$\overline{R_D}$	CK	J	$\overline{K}$	Qn+1	$\overline{Q_{n+1}}$
0	1	X	X	X	1	0
1	0	X	X	X	0	1
0	0	X	X	X	1*	1*
1	1	↑	0	1	Qn	$\overline{Q_n}$
			0	0	0	1
			1	1	1	0
			1	0	$\overline{Q_n}$	Qn
1	1	0	X	X	Qn	$\overline{Q_n}$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
* ; NONSTABLE

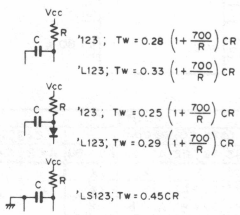
HD74LS123P (HITACHI)
M74LS123P (MITSUBISHI)
MB74LS123 (FUJITSU)
SN74123N (TI)
SN74L123N (TI)
SN74LS123N (TI)
SN74LS123NS (TI) FLAT PACKAGE
TTL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR WITH DIRECT RESET
— TOP VIEW —



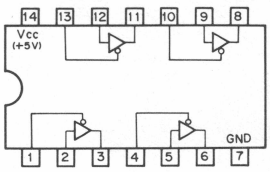
INPUTS			OUTPUTS	
RD	A	B	Q	$\bar{Q}$
0	X	X	0	1
X	1	X	0	1
X	X	0	0	1
1	0	↑	⎍	⎍
1	↓	1	⎍	⎍
↑	0	1	⎍	⎍

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

OUTPUT PULSE WIDTH



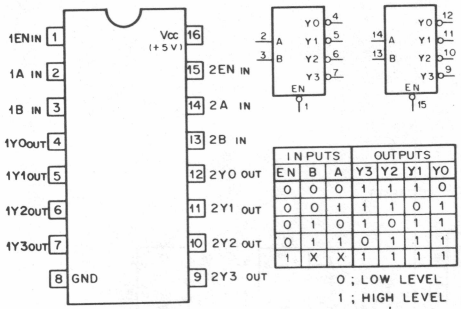
HD74LS125AP (HITACHI)
MB74LS125A (FUJITSU)
SN74125N (TI)
SN74LS125AN (TI)
TTL BUS BUFFER GATES WITH 3-STATE OUTPUT
— TOP VIEW —



G	A	Y
0	0	0
0	1	1
1	X	HI-Z

0; LOW LEVEL X; DON'T CARE
1; HIGH LEVEL HI-Z; HIGH IMPEDANCE

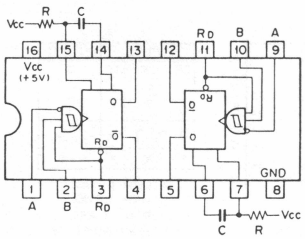
HD74LS139P (HITACHI)
M74LS139P (MITSUBISHI)
MB74LS139 (FUJITSU)
SN74LS139N (TI)
SN74S139N (TI)
TTL 2-TO-4-LINE DECODER/DEMULTIPLEXER
— TOP VIEW —



INPUTS			OUTPUTS			
EN	B	A	Y3	Y2	Y1	Y0
0	0	0	1	1	1	0
0	0	1	1	1	0	1
0	1	0	1	0	1	1
0	1	1	0	1	1	1
1	X	X	1	1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

HD74LS221P (HITACHI)
MB74LS221 (FUJITSU)
SN74221N (TI)
SN74LS221N (TI)
SN74LS221NS (TI) FLAT PACKAGE
TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
— TOP VIEW —

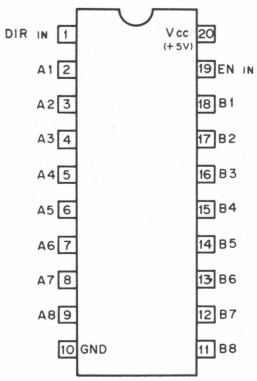


INPUTS			OUTPUTS	
RD	A	B	Q	$\bar{Q}$
0	X	X	0	1
X	1	X	0	1
X	X	0	0	1
1	0	↑	⎍	⎍
1	↓	1	⎍	⎍
↑	0	1	⎍	⎍

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

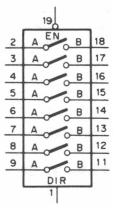
OUTPUT PULSE WIDTH = 0.7CR

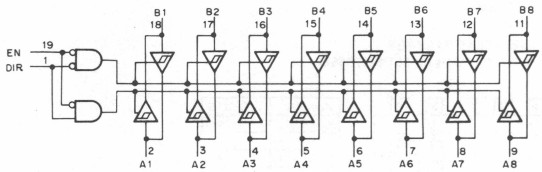
HD74LS245P (HITACHI)
MB74LS245 (FUJITSU)
SN74ALS1245ANS (TI) FLAT PACKAGE
SN74ALS245AN (TI)
SN74ALS245N (TI)
SN74LS245N (TI)
TTL BILATERAL SCHMITT TRIGGER BUS TRANSCEIVERS WITH 3-STATE OUTPUT
— TOP VIEW —



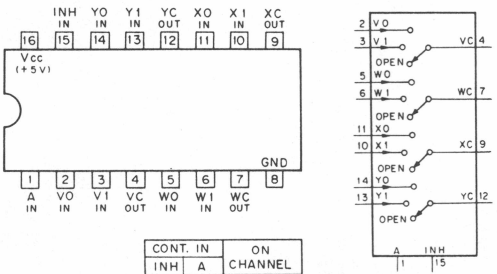
EN	DIR	OPERATION
0	0	B to A
0	1	A to B
1	X	HI-Z

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE.
HI-Z; HIGH IMPEDANCE





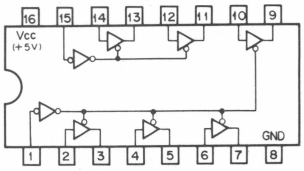
HD74LS257P (HITACHI)
M74LS257AP (MITSUBISHI)
SN74ALS257N (TI)
SN74LS257AN (TI)
SN74S257N (TI)
TTL 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
— TOP VIEW —



CONT. IN		ON CHANNEL
INH	A	
0	0	0
0	1	1
1	X	OPEN

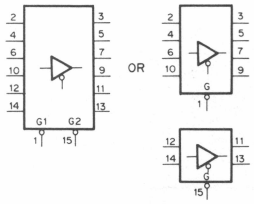
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

HD74LS367AP (HITACHI)
M74LS367AP (MITSUBISHI)
MB74LS367A (FUJITSU)
SN74367AN (TI)
SN74LS367AN (TI)
SN74LS367ANS (TI) FLAT PACKAGE
TTL BUS DRIVER WITH 3-STATE OUTPUTS
— TOP VIEW —

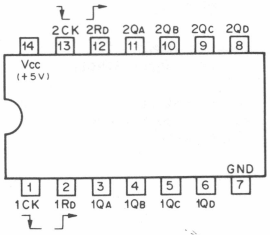


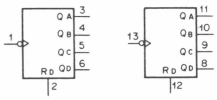
G	A	Y
0	0	0
0	1	1
1	X	HI-Z

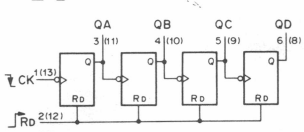
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



HD74LS393P (HITACHI)
M74LS393P (MITSUBISHI)
MB74LS393 (FUJITSU)
SN74393N (TI)
SN74LS393N (TI)
TTL 4-BIT BINARY COUNTER
— TOP VIEW —







COUNT SEQUENCE

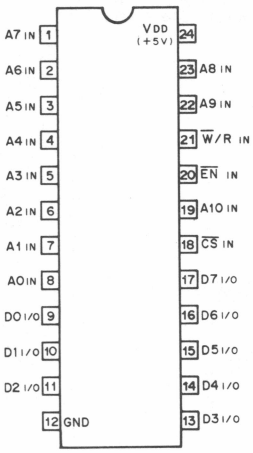
COUNT	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

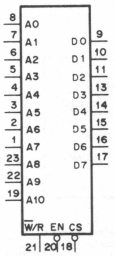
RESET/COUNT FUNCTION

RD	QD	QC	QB	QA
1	0	0	0	0
0	COUNT			

0 ; LOW LEVEL
1 ; HIGH LEVEL

HM6116ALSP-12 (HITACHI) (ACCESS TIME = 120 nS)
HM6116ALSP-15 (HITACHI) (ACCESS TIME = 150 nS)
HM6116ASP-12 (HITACHI) (ACCESS TIME = 120 nS)
HM6116ASP-15 (HITACHI) (ACCESS TIME = 150 nS)
HM6116LFP-2 (HITACHI) (ACCESS TIME = 120 nS) FLAT PACKAGE
HM6116LFP-3 (HITACHI) (ACCESS TIME = 150 nS) FLAT PACKAGE
HM6116LFP-4 (HITACHI) (ACCESS TIME = 200 nS) FLAT PACKAGE
HM6116LP-2 (HITACHI) (ACCESS TIME = 120 nS)
HM6116LP-3 (HITACHI) (ACCESS TIME = 150 nS)
HM6116LP-4 (HITACHI) (ACCESS TIME = 200 nS)
HM6116P-2 (HITACHI) (ACCESS TIME = 120 nS)
HM6116P-3 (HITACHI) (ACCESS TIME = 150 nS)
HM6116P-4 (HITACHI) (ACCESS TIME = 200 nS)
M58725P (MITSUBISHI) (ACCESS TIME = 200 nS)
M5M5117P (MITSUBISHI) (ACCESS TIME = 200 nS)
M5M5117P-12 (MITSUBISHI) (ACCESS TIME = 120 nS)
M5M5117P-15 (MITSUBISHI) (ACCESS TIME = 150 nS)
MB8416A-12P-SK (FUJITSU) (ACCESS TIME = 120 nS)
MB8416A-15 (FUJITSU) (ACCESS TIME = 150 nS)
MB8416A-15P-SK (FUJITSU) (ACCESS TIME = 150nS)
MSM5128-12RS (OKI) (ACCESS TIME = 150 nS)
MSM5128-15RS (OKI) (ACCESS TIME = 150 nS)
MSM5128-20GS (OKI) (ACCESS TIME = 200 nS) FLAT PACKAGE
MSM5128-20RS (OKI) (ACCESS TIME = 200 nS)
TC5517AFL (TOSHIBA) (ACCESS TIME = 250 nS) FLAT PACKAGE
TC5517APL (TOSHIBA) (ACCESS TIME = 250 nS)
C-MOS 16384(2048x8)-BIT HIGH SPEED STATIC RAM
— TOP VIEW —

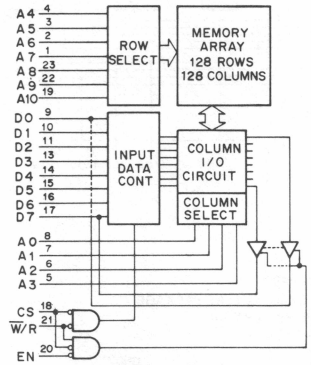




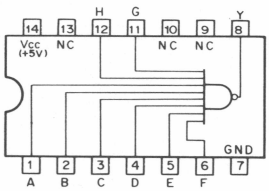
INPUTS			FUNCTION
CS	W/R	EN	
0	0	X	WRITE
0	1	0	READ
0	1	1	DISABLE (OUTPUT=HI-Z)
1	X	X	DISABLE (OUTPUT=HI-Z)

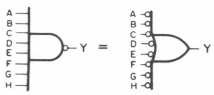
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

A0 – A10 ; ADDRESS INPUTS
W/R ; WRITE/READ ENABLE
EN ; OUTPUT ENABLE
CS ; CHIP SELECT
D0 – D7 ; DATA INPUTS/OUTPUTS



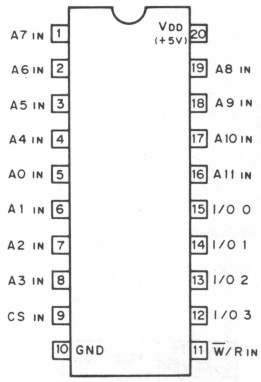
HD74LS30P (HITACHI)
M74LS30P (MITSUBISHI)
MB74LS30 (FUJITSU)
SN7430N (TI)
SN74ALS30AN (TI)
SN74AS30N (TI)
SN74LS30N (TI)
SN74S30N (TI)
TTL 8-INPUT POSITIVE-NAND GATE
— TOP VIEW —

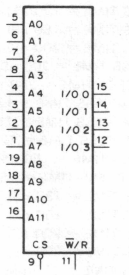




$Y = \overline{A \cdot B \cdot C \cdot D \cdot E \cdot F \cdot G \cdot H}$
$= \overline{A} + \overline{B} + \overline{C} + \text{----} + \overline{H}$

HM6168HP-45 (HITACHI) (ACCESS TIME = 45 nS)
HM6168HP-55 (HITACHI) (ACCESS TIME = 55 nS)
HM6168HP-70 (HITACHI) (ACCESS TIME = 70 nS)
MB8168-45 (FUJITSU) (ACCESS TIME = 45 nS)
MB8168-55 (FUJITSU) (ACCESS TIME = 55 nS)
MB8168-55P (FUJITSU) (ACCESS TIME = 55 nS)
MB8168-70 (FUJITSU) (ACCESS TIME = 70 nS)
MB8168-90 (FUJITSU) (ACCESS TIME = 90 nS)
N-MOS 16384-BIT(4096x4) STATIC RAM
— TOP VIEW —

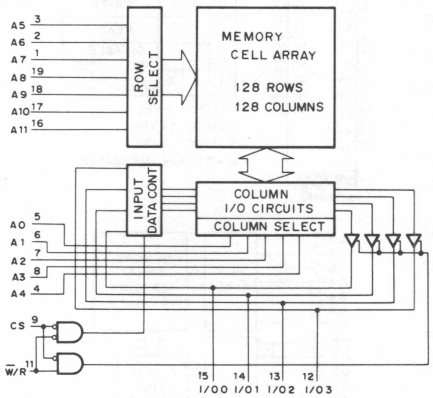




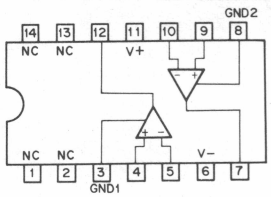
INPUTS		MODE
CS	W/R	
0	0	WRITE
0	1	READ
1	X	DISABLE (OUTPUT;HI-Z)

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

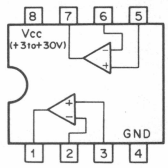
A0~A11 ;ADDRESS INPUTS
I/O0~I/O3;DATA INPUTS/OUTPUTS
CS ;CHIP SELECT INPUT
W/R ;WRITE/READ ENABLE INPUT



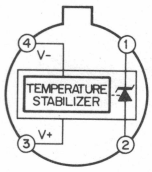
LM319N (NS)
uPC319G2 (NEC) FLAT PACKAGE
VOLTAGE COMPARATOR
— TOP VIEW —



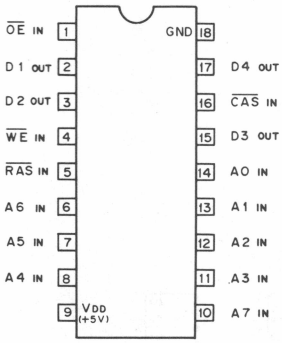
LM358JG (TI)
LM358P (TI)
uPC358C (NEC)
uPC358G (NEC) FLAT PACKAGE
uPC358G2 (NEC) FLAT PACKAGE
DUAL OPERATIONAL AMPLIFIERS
— TOP VIEW —

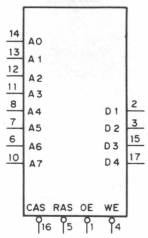


LM399H (NS)
TEMPERATURE STABILIZER
— BOTTOM VIEW —



MB81464-12 (FUJITSU) (ACCESS TIME = 120nS)
TMS4464-15NL (TI) (ACCESS TIME = 150nS)
uPD41254C-12 (NEC) (ACCESS TIME = 120nS)
uPD41254C-15 (NEC) (ACCESS TIME = 150nS)
uPD41254C-20 (NEC) (ACCESS TIME = 200nS)
uPD41464C-10 (NEC) (ACCESS TIME = 100nS)
uPD41464C-12 (NEC) (ACCESS TIME = 120nS)
uPD41464C-15 (NEC) (ACCESS TIME = 150nS)
uPD41464C-20 (NEC) (ACCESS TIME = 200nS)
N-MOS 262144-BIT (65536x4) DYNAMIC RAM
— TOP VIEW —

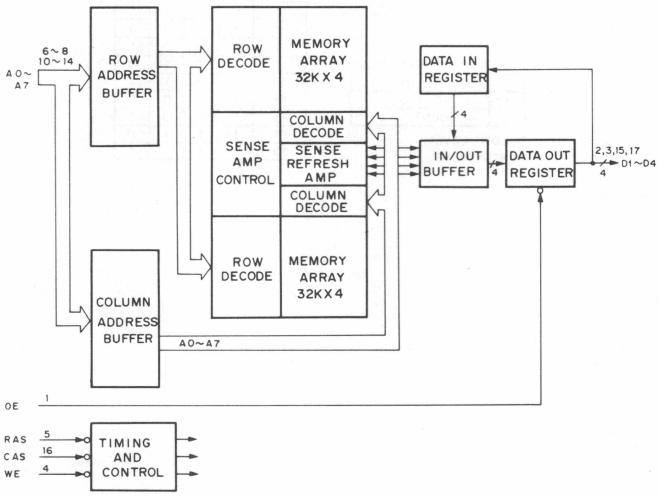




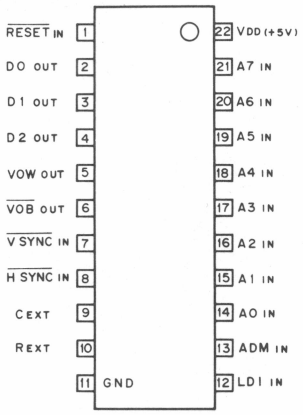
A0~A7 ; ADDRESS INPUT
CAS ; COLUMN ADDRESS STROBE
D1~D4 ; DATA IN/OUT
OE ; OUTPUT ENABLE
RAS ; ROW ADDRESS STROBE
WE ; WRITE ENABLE

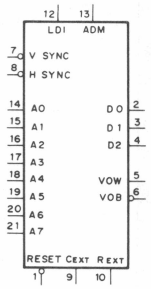
MODE	CONTROL		DATA
	WE	OE	D1~D4
—	0	0	X
WRITE	0	1	DATA IN
READ	1	0	DATA OUT
—	1	1	HI-Z

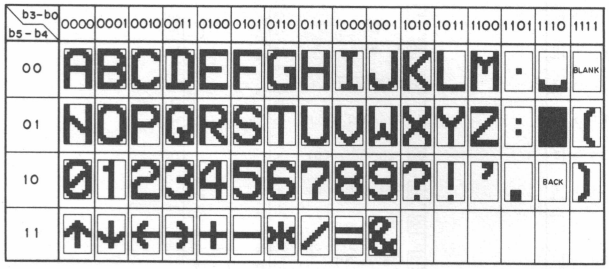
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



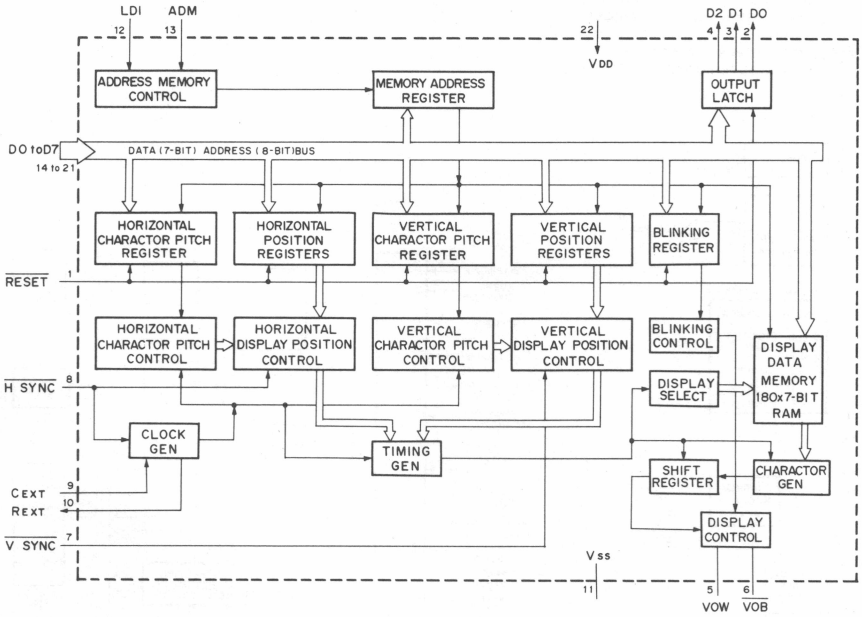
MB88303 (FUJITSU)
N-MOS PROGRAMMABLE TV DISPLAY CONTROLLER
— TOP VIEW —



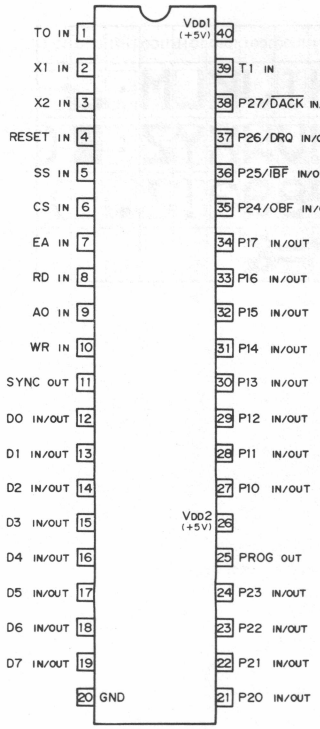


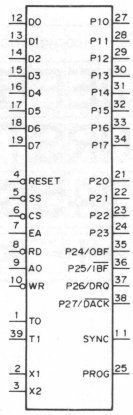


ADM	; ADDRESS INCREMENT MODE
A0 to A7	; ADDRESS INPUT
D0 to D2	; DATA OUTPUT
CEXT	; EXT CAPACITOR FOR OSC
LDI	; LOAD DATA AND INSTRUCTION
VOB	; VIDEO BLACK OUT
VOW	; VIDEO WHITE OUT
REXT	; EXT RESISTOR FOR OSC



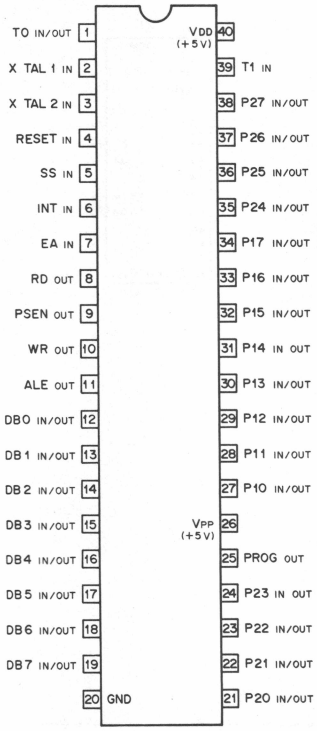
MBL8742H (FUJITSU)
N-MOS SINGLE CHIP 8-BIT MICROCOMPUTER
— TOP VIEW —

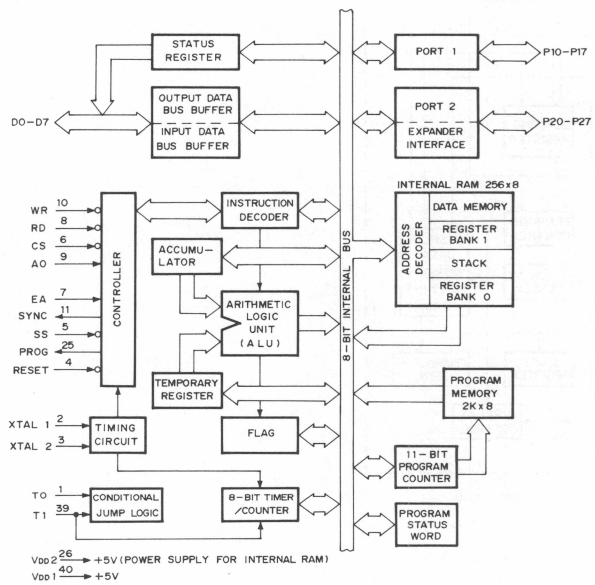


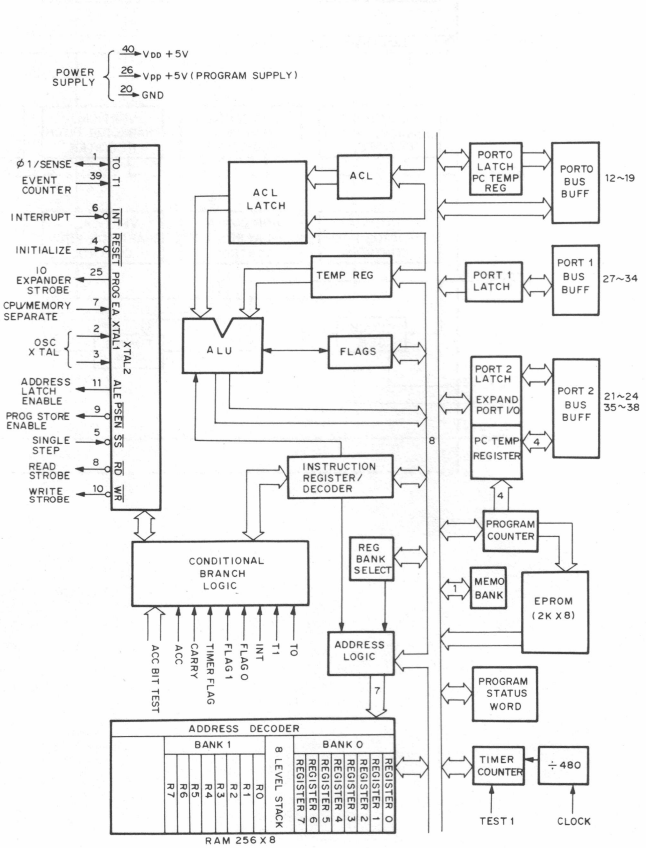


DO–D7 ; DATA INPUTS/OUTPUTS
SS ; SINGLE STEP INPUT
CS ; CHIP SELECT INPUT
EA ; EXTERNAL ADDRESS INPUT
RD ; READ STROBE INPUT
AO ; ADDRESS O INPUT
WR ; WRITE STROBE INPUT
TO, T1 ; TEST INPUTS
X1, X2 ; CRYSTAL
PROG ; STROBE PULSE OUTPUT/PROGRAM PULSE INPUT
P10–P17 ; INPUT/OUTPUT PORT 1
P20–P27 ; INPUT/OUTPUT PORT 2
OBF ; OUTPUT BUFFER FULL FLAG OUTPUT
$\overline{IBF}$; INPUT BUFFER FULL FLAG OUTPUT
DRQ ; DIRECT MEMORY ACCESS REQUEST OUTPUT
$\overline{DACK}$; DIRECT MEMORY ACCESS ACKNOWLEGDE OUTPUT

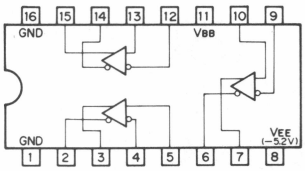
MBL8749H/N (FUJITSU)
N-MOS 8-BIT MICROPROCESSOR
— TOP VIEW —



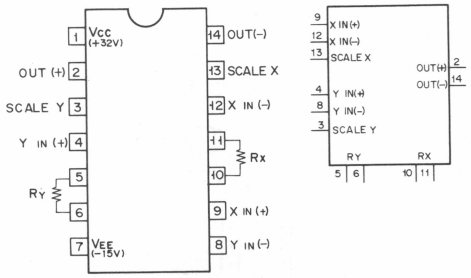




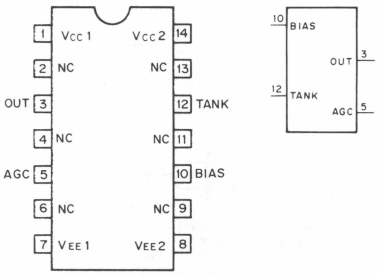
MC10216L (MOTOROLA)
ECL HIGH SPEED LINE RECEIVER
— TOP VIEW —



MC1595L (MOTOROLA)
LINEAR MULTIPLIER
— TOP VIEW —

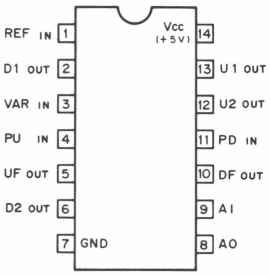


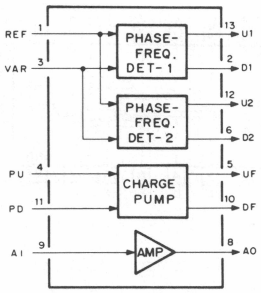
MC1648P (MOTOROLA)
ECL VOLTAGE CONTROLLED OSCILLATOR
— TOP VIEW —



Supply Voltage	Supply Pins	GND Pins
+5.0Vdc	1,14	7,8
−5.2Vdc	7,8	1,14

MC4044P (MOTOROLA)
uPC1008C (NEC)
PHASE-FREQUENCY DETECTOR
— TOP VIEW —





REF ; REFERENCE IN
VAR ; VARIABLE IN
U1 ; UP OUT 1
D1 ; DOWN OUT 1
U2 ; UP OUT 2
D2 ; DOWN OUT 2
PU ; CHARGE PUMP UP IN
PD ; CHARGE PUMP DOWN IN
UF ; CHARGE PUMP UP OUT
DF ; CHARGE PUMP DOWN OUT
AI ; FILTER AMP IN
AO ; FILTER AMP OUT

PHASE FREQ. DET-1
FALLING EDGE SENSING TYPE

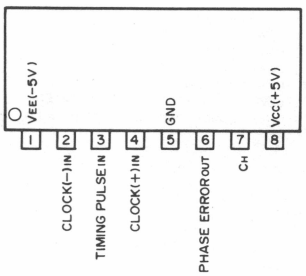
INPUTS	OUTPUTS U1	OUTPUTS D1
$f_V = f_R$, $\phi_V = \phi_R$	1	1
$f_V < f_R$, ϕ_V lags ϕ_R	0	1
$f_V > f_R$, ϕ_V leads ϕ_R	1	0

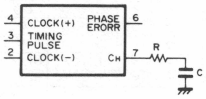
PHASE FREQ.DET-2
FOR 50% DUTY CYCLES

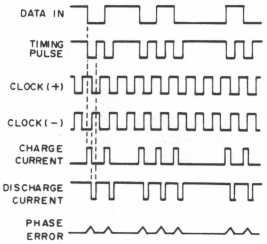
INPUTS REF	INPUTS VAR	OUTPUTS U2	OUTPUTS D2
0	0	1	1
0	1	1	1
1	0	0	1
1	1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

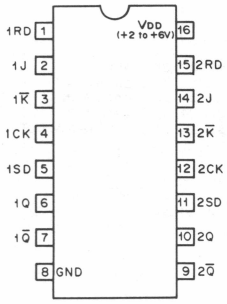
MC5400 (SONY)
CHARGE PUMP FOR PLL
— PRINTED SIDE VIEW —

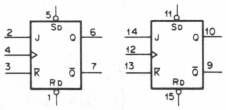






MC74HC109N (MOTOROLA)
SN74HC109N (TI)
TC74HC109P (TOSHIBA)
C-MOS J-K FLIP-FLOP WITH DIRECT SET/RESET
— TOP VIEW —

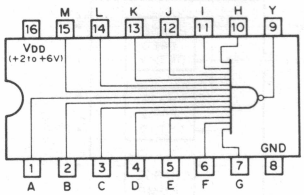




INPUTS SD	INPUTS RD	INPUTS CK	INPUTS J	INPUTS K̄	OUTPUTS Qn+1	OUTPUTS Q̄n+1
0	1	X	X	X	1	0
1	0	X	X	X	0	1
0	0	X	X	X	1*	1*
1	1	↓	0	1	Qn	Q̄n
			0	0	0	1
			1	1	1	0
			1	0	Qn	Q̄n
1	1	0	X	X	Qn	Q̄n

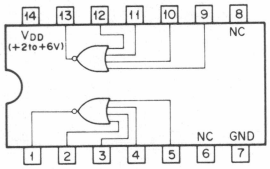
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
*; NONSTABLE

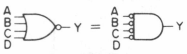
MC74HC133N (MOTOROLA)
SN74HC133N (TI)
TC74HC133P (TOSHIBA)
C-MOS 13-INPUT NAND GATE
— TOP VIEW —



$Y = \overline{A \cdot B \cdot C \cdot D \cdot E \cdot F \cdot G \cdot H \cdot I \cdot J \cdot K \cdot L \cdot M}$

MC74HC4002N (MOTOROLA)
SN74HC4002N (TI)
TC74HC4002P (TOSHIBA)
C-MOS 4-INPUT NOR GATE
— TOP VIEW —



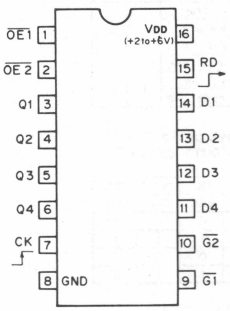


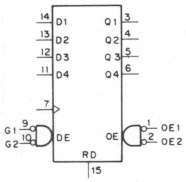
$Y = \overline{A + B + C + D}$
$= \overline{A} \cdot \overline{B} \cdot \overline{C} \cdot \overline{D}$

A	B	C	D	Y
0	0	0	0	1
X	X	X	1	0
X	X	1	X	0
X	1	X	X	0
1	X	X	X	0

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

MC74HC173N (MOTOROLA)
SN74HC173N (TI)
TC74HC173P (TOSHIBA)
C-MOS 4-BIT D-TYPE REGISTERS WITH 3-STATE OUTPUT
— TOP VIEW —



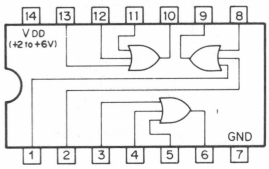


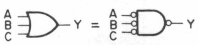
D1 – D4 ; DATA INPUT
Q1 – Q4 ; OUTPUT (3-STATE)
$\overline{G1}$, $\overline{G2}$; DATA ENABLE INPUT
$\overline{OE1}$, $\overline{OE2}$; OUTPUT ENABLE INPUT

INPUT							OUTPUT
RD	CK	DATA IN $\overline{G1}$	DATA IN $\overline{G2}$	D	OUTPUT EN $\overline{OE1}$	OUTPUT EN $\overline{OE2}$	Q
1	X	X	X	X	0	0	0
0	0	X	X	X	0	0	Q0
0	↑	1	X	X	0	0	Q0
0	↑	X	1	X	0	0	Q0
0	↑	0	0	0	0	0	0
0	↑	0	0	1	0	0	1
X	X	X	X	X	1	X	HI-Z
X	X	X	X	X	X	1	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE
Q0 ; LEVEL OF Q BEFORE THE INDICATED INPUT CONDITIONS WERE STABLISHED

MC74HC4075N (MOTOROLA)
SN74HC4075N (TI)
TC74HC4075P (TOSHIBA)
C-MOS 3-INPUT OR GATE
— TOP VIEW —



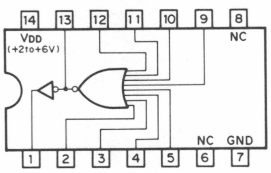


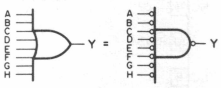
$Y = A + B + C = \overline{\overline{A} \cdot \overline{B} \cdot \overline{C}}$

C	B	A	Y
0	0	0	0
X	X	1	1
X	1	X	1
1	X	X	1

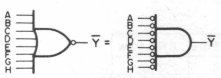
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

MC74HC4078N (MOTOROLA)
SN74HC4078AN (TI)
TC74HC4078P (TOSHIBA)
C-MOS 8-INPUT OR/NOR GATE
— TOP VIEW —





$Y = A+B+C+D+E+F+G+H$
$= \overline{\overline{A} \cdot \overline{B} \cdot \overline{C} \cdot \overline{D} \cdot \overline{E} \cdot \overline{F} \cdot \overline{G} \cdot \overline{H}}$

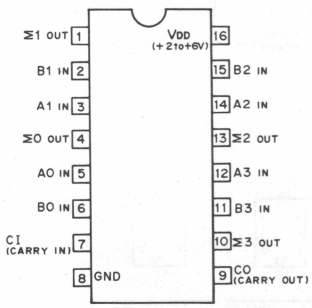


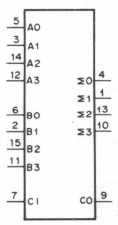
$\overline{Y} = \overline{A+B+C+D+E+F+G+H}$
$= \overline{A} \cdot \overline{B} \cdot \overline{C} \cdot \overline{D} \cdot \overline{E} \cdot \overline{F} \cdot \overline{G} \cdot \overline{H}$

A	B	C	D	E	F	G	H	Y	$\overline{Y}$
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	1	0
1	1	1	1	1	1	1	0	1	0
1	1	1	1	1	1	1	1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

MC74HC283N (MOTOROLA)
TC74HC283P (TOSHIBA)
C-MOS 4-BIT FULL ADDER
— TOP VIEW —

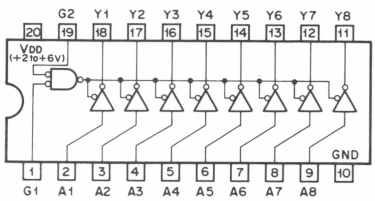


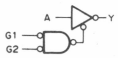


	2^4	2^3	2^2	2^1	2^0	DIGIT
					CI	CARRY IN
		A3	A2	A1	A0	DATA A IN
+)		B3	B2	B1	B0	DATA B IN
	CO	Σ3	Σ2	Σ1	Σ0	CARRY&SUM OUT

EX.					
				1	CI
	1	0	1	1	A
+)	1	0	1	0	B
1	1	0	1	0	OUTPUTS
CO	Σ3	Σ2	Σ1	Σ0	

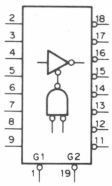
MC74HC540N (MOTOROLA)
SN74HC540N (TI)
C-MOS 3-STATE INVERTING BUFFER/LINE DRIVER/LINE RECEIVER
— TOP VIEW —



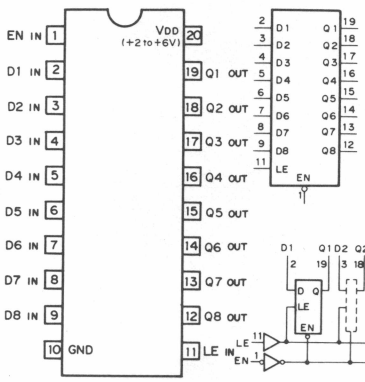


G1	G2	A	Y
0	0	0	1
0	0	1	0
1	X	X	HI-Z
X	1	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

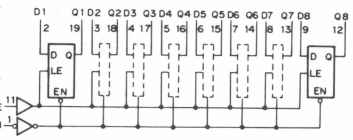


MC74HC573N (MOTOROLA)
SN74HC573N (TI)
TC74HC573F (TOSHIBA) FLAT PACKAGE
TC74HC573P (TOSHIBA)
C-MOS 3-STATE OUTPUTS OCTAL LATCHES
— TOP VIEW —

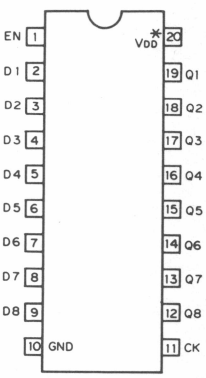


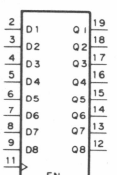
INPUTS			OUT
EN	LE	D	Q
0	1	1	1
0	1	0	0
0	0	X	Qo
1	X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



MC74HC574N (MOTOROLA)
MSM74HC574RS (OKI)
SN74HC574N (TI)
SN74HCT574N (TI)
TC74HC574F (TOSHIBA) FLAT PACKAGE
TC74HC574P (TOSHIBA)
TC74HCT574P (TOSHIBA)
uPD74HC574C (NEC)
C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP
— TOP VIEW —

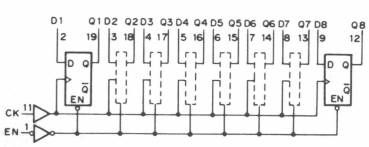




EACH FLIP-FLOP

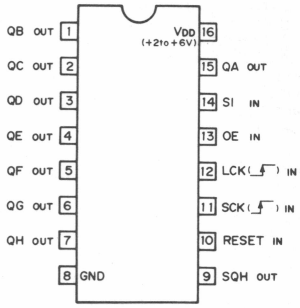
INPUTS			OUT
EN	CK	D	Q
0	↑	1	1
0	↑	0	0
0	0	X	Qo
1	X	X	HI-Z

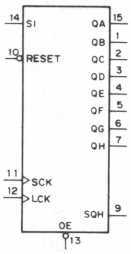
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



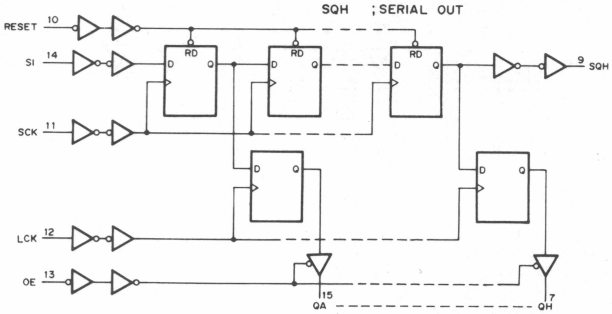
* VDD HC ; +2 to +6V
HCT ; +5V

MC74HC595N (MOTOROLA)
TC74HC595P (TOSHIBA)
C-MOS 8-BIT SERIAL-INPUT/SERIAL- OR PARALLEL-OUTPUT
SHIFT REGISTER WITH LATCHED 3-STATE OUTPUT
— TOP VIEW —

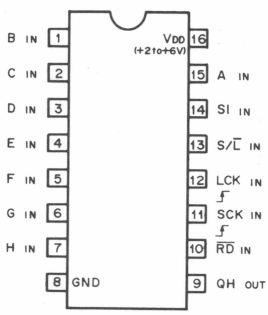


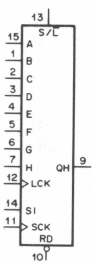


OE ; OUTPUT ENABLE INPUT
LCK ; LATCH CLOCK INPUT
SCK ; SHIFT CLOCK INPUT
RESET ; SHIFT-REGISTER RESET INPUT
SI ; SERIAL IN
QA-QH ; PARALLEL OUTPUTS
SQH ; SERIAL OUT



MC74HC597N (MOTOROLA)
TC74HC597P (TOSHIBA)
CMOS 8-BIT LATCH/SHIFT REGISTER
— TOP VIEW —

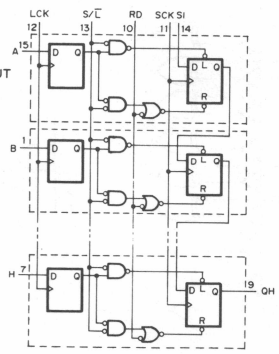




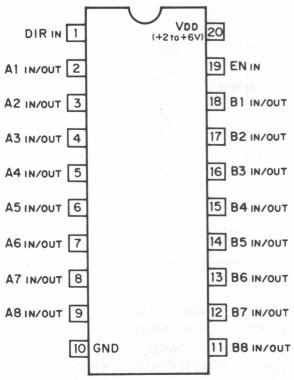
SI ; SERIAL DATA INPUT
S/L ; SERIAL SHIFT/PARALLEL LOAD INPUT
LCK ; LATCH CLOCK INPUT
SCK ; SHIFT CLOCK INPUT
RD ; RESET INPUT
A-H ; PARALLEL DATA INPUTS

INPUTS						OUTPUT
RD	LD	LCK	SCK	SI	A-H	QH
0	X	X	X	X	X	0
1	1	↑	0,1,↑	X	a-h	NO CHANGE
1	0	↑	X	X	a-h	h
1	1	X	↑	X	X	QGn

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
a-h ; DATA AT INPUTS A-H, RESPECTIVELY

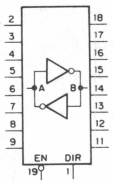


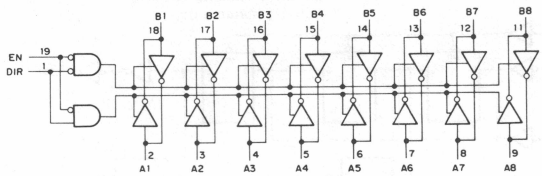
MC74HC640N (MOTOROLA)
SN74HC640N (TI)
TC74HC640P (TOSHIBA)
C-MOS 3-STATE INVERTING BUS TRANSCEIVER
— TOP VIEW —



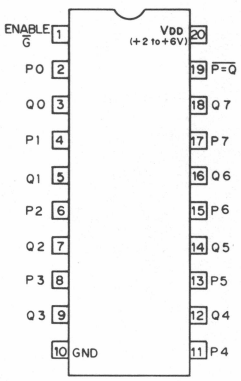
EN	DIR	OPERATION
0	0	B to A
0	1	A to B
1	X	HI-Z

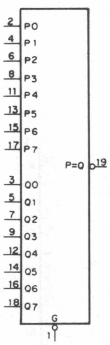
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

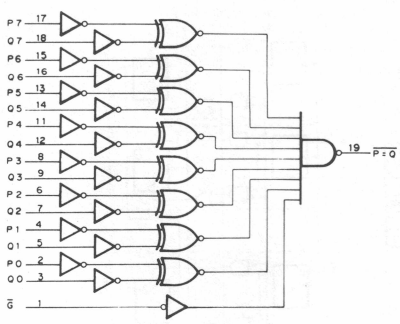




MC74HC688N (MOTOROLA)
MSM74HC688RS (OKI)
SN74HC688N (TI)
TC74HC688P (TOSHIBA)
uPD74HC688C (NEC)
C-MOS 8-BIT MAGNITUDE COMPARATOR
— TOP VIEW —



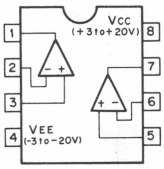




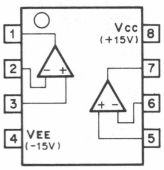
INPUTS		OUTPUT
P,Q	G	P=Q
P=Q	0	0
P>Q	0	1
P<Q	0	1
X	1	1

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

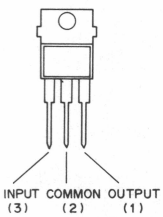
NE5532AP (TI)
NE5532P (TI)
LOW NOISE OPERATIONAL AMPLIFIER
— TOP VIEW —



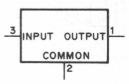
NJM4560D (JRC)
NJM4560DD (JRC)
NJM4560DN (JRC)
NJM4560DX (JRC)
NJM4560M (JRC) FLAT PACKAGE
OPERATIONAL AMPLIFIER
— TOP VIEW —



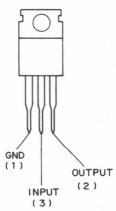
NJM78M ? ?A (JRC)
POSITIVE VOLTAGE REGULATOR (500mA)
— FRONT VIEW —



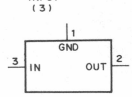
5V	NJM78M05A
6V	NJM78M06A
8V	NJM78M08A
9V	NJM78M09A
12V	NJM78M12A
15V	NJM78M15A
18V	NJM78M18A
20V	NJM78M20A
24V	NJM78M24A



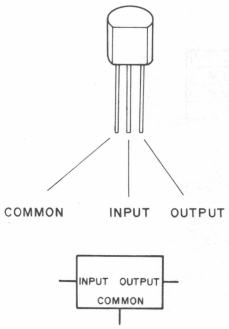
NJM79 ? ?A (JRC)
NEGATIVE VOLTAGE REGULATOR (1A)
— SIDE VIEW —



OUTPUT VOLTAGE	??
−5 V	05
−6 V	06
−8 V	08
−9 V	09
−12 V	12
−15 V	15
−18 V	18
−24 V	24

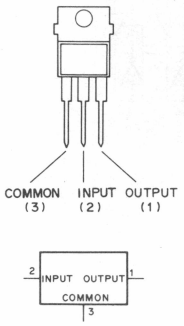


NJM79L ? ?A (JRC)
NEGATIVE VOLTAGE REGULATOR (100mA)
— FRONT VIEW —



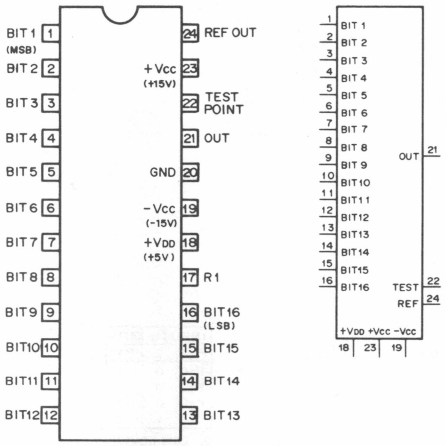
OUTPUT VOLTAGE	NJM79LPPA
−3V	NJM79L03A
−4V	
−5V	NJM79L05A
−6V	NJM79L06A
−7V	
−8V	NJM79L08A
−9V	NJM79L09A
−10V	
−12V	NJM79L12A
−15V	NJM79L15A
−18V	NJM79L18A
−20V	
−24V	NJM79L24A

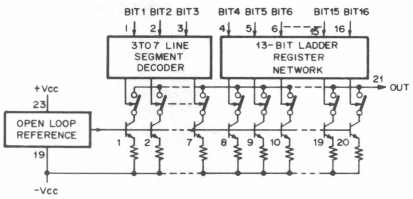
NJM79M ? ?A (JRC)
NEGATIVE VOLTAGE REGULATOR (500mA)
— FRONT VIEW —



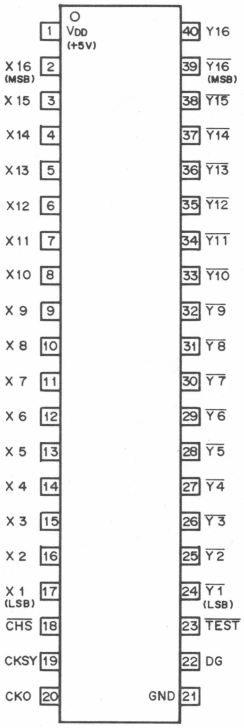
−5V	NJM79M05A
−6V	NJM79M06A
−8V	NJM79M08A
−9V	NJM79M09A
−12V	NJM79M12A
−15V	NJM79M15A
−18V	NJM79M18A
−24V	NJM79M24A

PCM53JG-I (BURR BROWN)
PCM53JP-I (BURR BROWN)
16 BIT D/A CONVERTER

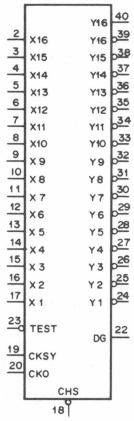


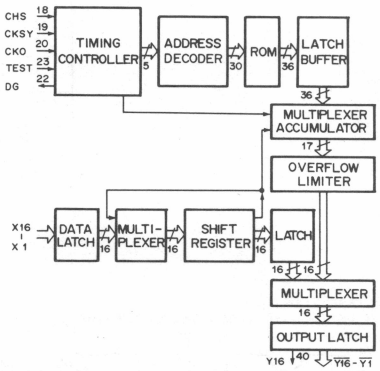


SM5800 (NPC)
DIGITAL FILTER

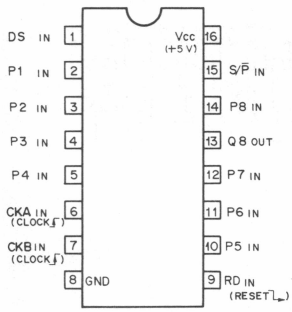


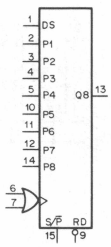
CHS ;CHANNEL SELECT INPUT
CKO ;SYSTEM CLOCK INPUT
CKSY ;SYSTEM SYNC CLOCK INPUT
DG ;DAC DEGLITCH SIGNAL OUTPUT
TEST ;TEST TERMINAL
X1-X16;DATA INPUT
Y1-Y16;DATA OUTPUT



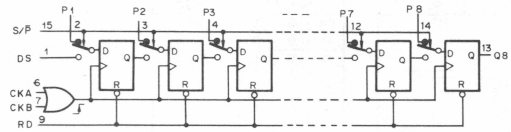


SN74166N (TI)
SN74LS166AN (TI)
SN74LS166N (TI)
TTL 8-BIT SHIFT REGISTER
— TOP VIEW —





DS;DATA SERIAL INPUT
P1 − P8;PARALLEL DATA INPUTS
CK;CLOCK

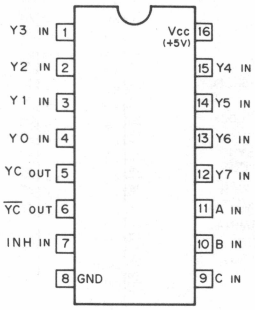


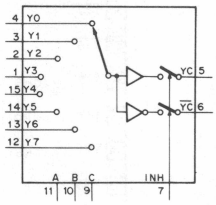
CKA	CKB	CK
0	0	0
X	1	1
1	X	1
1	↓	1
↓	1	1
0	↓	↓
↓	0	↓

INPUTS					OUTPUT
RD	S/P	CK	DS	P1-P8	Q8
0	X	X	X	X	0
1	X	0	X	X	Q8o
1	0	↓	X	1-8	8
1	1	↓	1	X	Q7n
1	1	↓	0	X	Q7n
1	X	↓	X	X	Q8o

0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE

SN74251N (TI)
SN74ALS251N (TI)
SN74LS251N (TI)
SN74S251N (TI)
TTL 8-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
WITH THREE-STATE OUTPUT
— TOP VIEW —

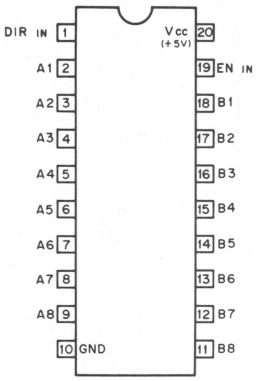




CONTROL IN				OUTPUTS	
C	B	A	INH	YC	$\overline{YC}$
X	X	X	1	HI-Z	HI-Z
0	0	0	0	Y0	$\overline{Y0}$
0	0	1	0	Y1	$\overline{Y1}$
0	1	0	0	Y2	$\overline{Y2}$
0	1	1	0	Y3	$\overline{Y3}$
1	0	0	0	Y4	$\overline{Y4}$
1	0	1	0	Y5	$\overline{Y5}$
1	1	0	0	Y6	$\overline{Y6}$
1	1	1	0	Y7	$\overline{Y7}$

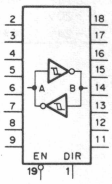
0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE

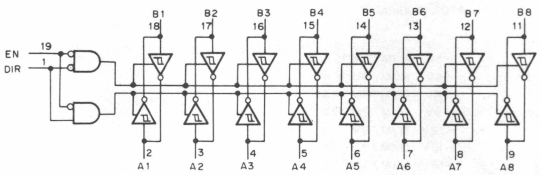
SN74ALS640A-1N (TI)
SN74ALS640AN (TI)
SN74LS640-1N (TI)
SN74LS640N (TI)
TTL BILATERAL SCHMITT TRIGGER BUS TRANSCEIVERS INVERTER
WITH 3-STATE OUTPUT
— TOP VIEW —



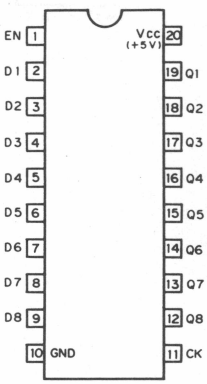
EN	DIR	OPERATION
0	0	B to A
0	1	A to B
1	X	HI-Z

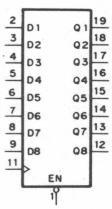
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE.
HI-Z ; HIGH IMPEDANCE





SN74ALS574N (TI)
TTL 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP
— TOP VIEW —

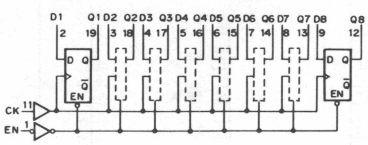




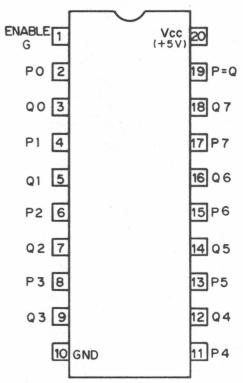
EACH FLIP-FLOP

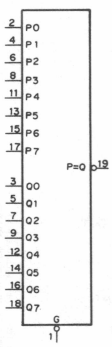
INPUTS			OUT
EN	CK	D	Q
0	↑	1	1
0	↑	0	0
0	0	X	Qo
1	X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

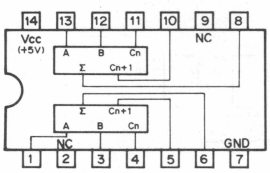


SN74ALS688N (TI)
SN74LS688N (TI)
TTL 8-BIT MAGNITUDE COMPARATOR



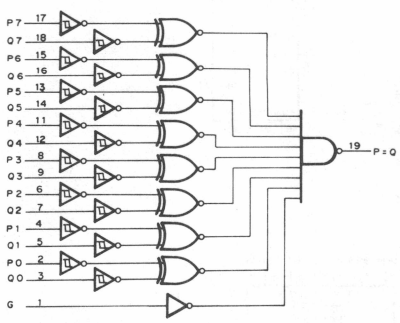


SN74LS183N (TI)
TTL CARRY-SAVE FULL ADDERS
— TOP VIEW —



INPUTS			OUTPUTS	
Cn	B	A	Σ	Cn+1
0	0	0	0	0
0	0	1	1	0
0	1	0	1	0
0	1	1	0	1
1	0	0	1	0
1	0	1	0	1
1	1	0	0	1
1	1	1	1	1

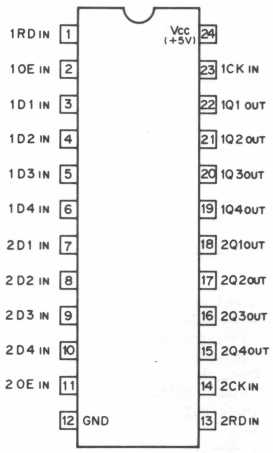
0 ; LOW LEVEL
1 ; HIGH LEVEL

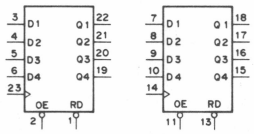


INPUTS		OUTPUT
P,Q	G	P=Q
P=Q	0	0
P>Q	0	1
P<Q	0	1
X	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

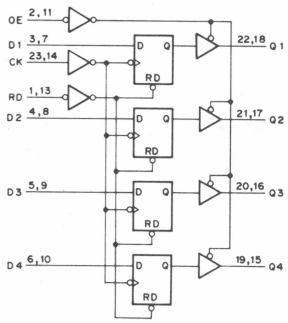
SN74ALS874NT (TI)
TTL DUAL 4-BIT D-TYPE EDGE-TRIGGERED FLIP-FLOPS
— TOP VIEW —



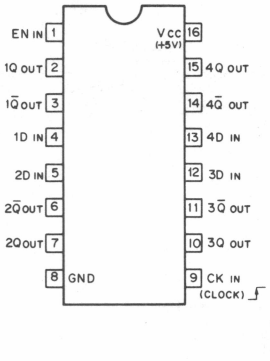


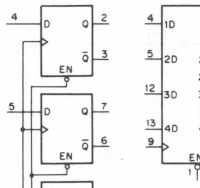
INPUTS				OUTPUT
OE	RD	CK	D	Q
0	0	X	X	0
0	1	↑	1	1
0	1	↑	0	0
0	1	0	X	Qo
1	X	X	X	HI-Z

0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE
HI-Z;HIGH IMPEDANCE



SN74LS379N (TI)
TTL QUAD D-TYPE FLIP-FLOP WITH ENABLE
— TOP VIEW —

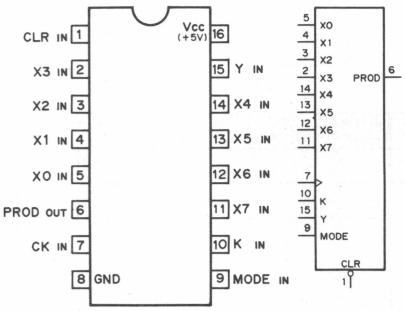




EACH FLIP-FLOP

INPUTS			OUT	
EN	CK	D	Q	Q̄
1	X	X	Qo	Q̄o
0	↑	1	1	0
0	↑	0	0	1
X	0	X	Qo	Q̄o

SN74LS384N (TI)
TTL 8-BIT BY 1-BIT TWO'S-COMPLEMENT MULTIPLIERS
— TOP VIEW —



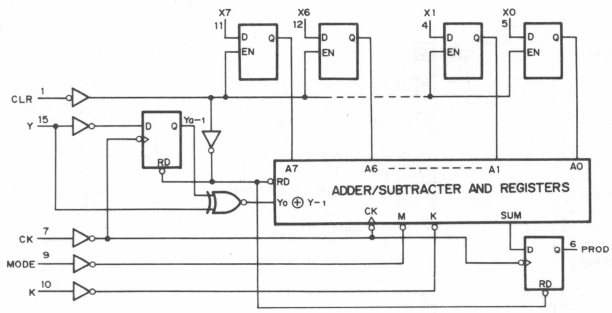
XO–X7; MULTIPLICAND DATA INPUTS
CK; CLOCK INPUT
K; SERIAL EXPANSION INPUT
MODE; MODE CONTROLL INPUT
CLR; ASYNCHRONOUS PARALLEL LOAD INPUT
Y; SERIAL MULTIPLIER INPUT
PROD; SERIAL X,Y PRODUCT OUTPUT

FUNCTION TABLE

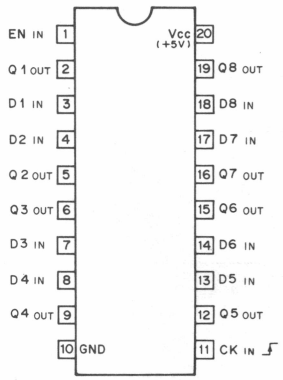
INPUTS						INTERNAL	OUTPUT	FUNCTION
CLR	CK	K	MODE	X1	Y	Yo−1	PROD	
X	X	0	0	X	X	X	X	MOST SIGNIFICANT MULTIPLIER DEVICE
X	X	CS	1	X	X	X	X	DEVICE CASCADED IN MULTIPLIER STRING
0	X	X	X	OP	X	0	0	LOAD NEW MULTIPLICAND AND CLEAR INTERNAL SUM AND CARRY REGISTERS
1	X	X	X	X	X	X	X	DEVICE ENABLED
1	↑	X	X	X	0	0	AR	SHIFT SUM REGISTER
1	↑	X	X	X	0	1	AR	ADD MULTIPLICAND TO SUM REGISTER AND SHIFT
1	↑	X	X	X	1	0	AR	SUBTRACT MULTIPLICAND FROM SUM REGISTER AND SHIFT
1	↑	X	X	X	1	1	AR	SHIFT SUM REGISTER

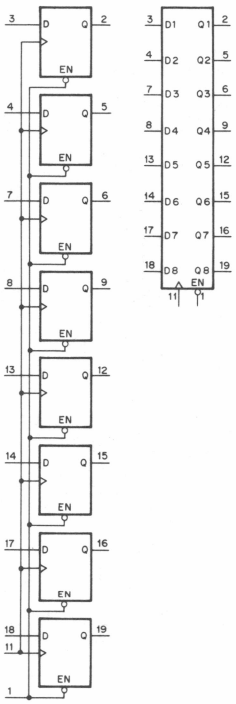
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

CS; CONNECTED TO PROD OUTPUT OF HIGH ORDER DEVICE
OP; X1 LATCHES OPEN FOR NEW DATA
AR; OUTPUT AS REQUIRED PER BOOTH'S ALGORITHM



SN74LS377N (TI)
TTL D-TYPE FLIP-FLOP WITH ENABLE
— TOP VIEW —





EACH FLIP-FLOP

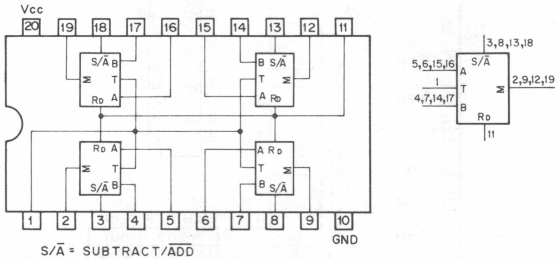
INPUTS			OUT
EN	CK	D	Q
1	X	X	Qo
0	↑	1	1
0	↑	0	0
X	0	X	Qo

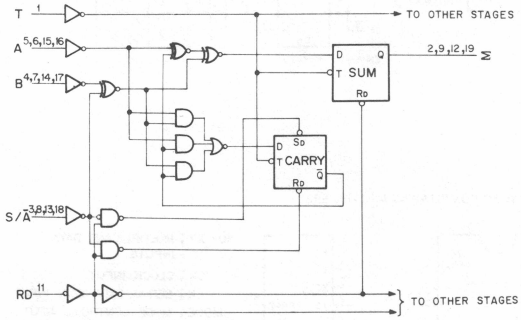
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

SN74LS385N (TI)

TTL SERIAL ADDER/SUBTRACTOR

— TOP VIEW —



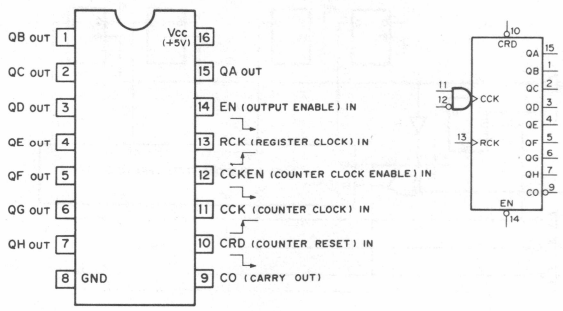


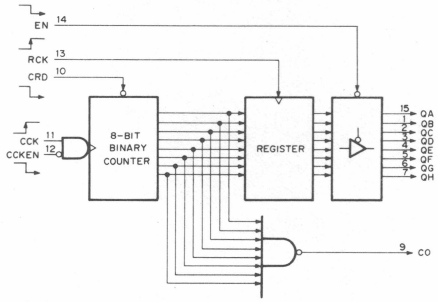
SELECTED FUNCTION	INPUT RD	S/Ā	A	B	T	INTERNAL CARRY D INPUT BEFORE CLOCK(↓)	AFTER CLOCK(↓)	M OUTPUT AFTER CLOCK(↓)
CLEAR	0	0	X	X	X	0	0	0
	0	1	X	X	X	1	1	0
ADD	1	0	0	0	↓	0	0	0
	1	0	0	0	↓	1	0	1
	1	0	0	1	↓	0	0	1
	1	0	0	1	↓	1	1	0
	1	0	1	0	↓	0	0	1
	1	0	1	0	↓	1	1	0
	1	0	1	1	↓	0	1	0
	1	0	1	1	↓	1	1	1
SUBTRACT	1	1	0	0	↓	0	0	1
	1	1	0	0	↓	1	1	0
	1	1	0	1	↓	0	0	0
	1	1	0	1	↓	1	0	1
	1	1	1	0	↓	0	1	0
	1	1	1	0	↓	1	1	1
	1	1	1	1	↓	0	0	1
	1	1	1	1	↓	1	1	0

SN74LS590N (TI)

TTL 8-BIT BINARY COUNTER WITH OUTPUT REGISTER AND 3-STATE OUTPUT

— TOP VIEW —

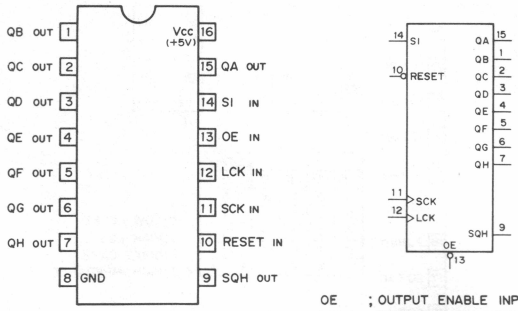




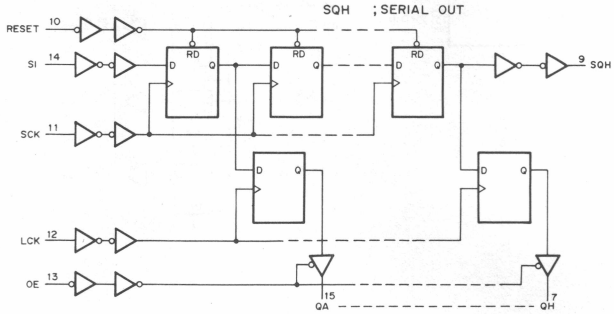
SN74LS595N (TI)

TTL 8-BIT SHIFT REGISTER WITH OUTPUT LATCHES (3-STATE)

— TOP VIEW —



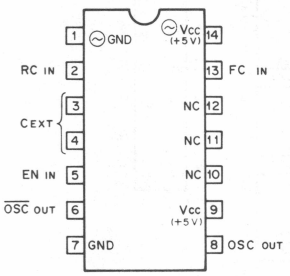
OE ; OUTPUT ENABLE INPUT
LCK ; LATCH CLOCK INPUT
SCK ; SHIFT CLOCK INPUT
RESET ; RESET INPUT
SI ; SERIAL IN
QA-QH ; PARALLEL OUTPUTS
SQH ; SERIAL OUT

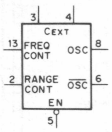


SN74LS624N (TI)
SN74LS624N-R (TI)

TTL VOLTAGE CONTROLLED OSCILLATOR

— TOP VIEW —



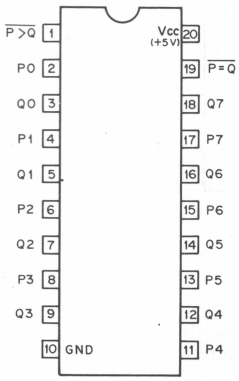


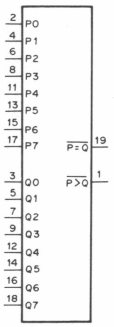
EN	OSC	$\overline{OSC}$
0	ENABLE	ENABLE
1	0	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

SELECTED FUNCTION	INPUT RD	S/Ā	A	B	T	INTERNAL CARRY D INPUT BEFORE CLOCK(↓)	AFTER CLOCK(↓)	M OUTPUT AFTER CLOCK(↓)
CLEAR	0	0	X	X	X	0	0	0
	0	1	X	X	X	1	1	0
ADD	1	0	0	0	↓	0	0	0
	1	0	0	0	↓	1	0	1
	1	0	0	1	↓	0	0	1
	1	0	0	1	↓	1	1	0
	1	0	1	0	↓	0	0	1
	1	0	1	0	↓	1	1	0
	1	0	1	1	↓	0	1	0
	1	0	1	1	↓	1	1	1
SUBTRACT	1	1	0	0	↓	0	0	1
	1	1	0	0	↓	1	1	0
	1	1	0	1	↓	0	0	0
	1	1	0	1	↓	1	0	1
	1	1	1	0	↓	0	1	0
	1	1	1	0	↓	1	1	1
	1	1	1	1	↓	0	0	1
	1	1	1	1	↓	1	1	0

SN74LS682N (TI)
SN74LS683N (TI)
SN74LS683NS (TI) FLAT PACKAGE
SN74LS684N (TI)
TTL 8-BIT MAGNITUDE COMPARATOR
WITH TOTEM-POLE OUTPUTS
— TOP VIEW —

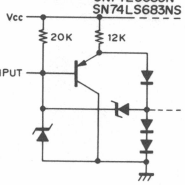




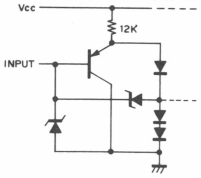
DATA INPUTS		OUTPUTS	
P0-P7	Q0-Q7	P=Q	P>Q
P=Q		0	1
P>Q		1	0
P<Q		1	1

1 ; HIGH LEVEL
0 ; LOW LEVEL

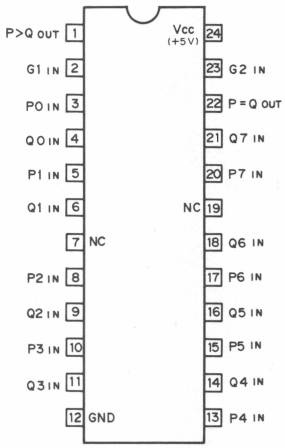
INPUT OF SN74LS682N
SN74LS683N
SN74LS683NS

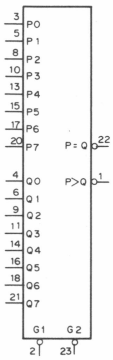


INPUT OF SN74LS684N



SN74LS686NT (TI)
TTL 8-BIT MAGNITUDE COMPARATOR
— TOP VIEW —

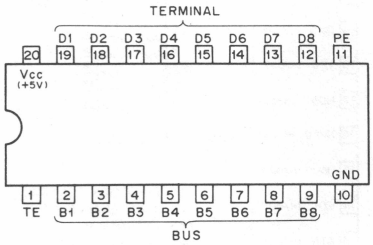


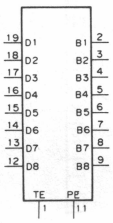


INPUTS				OUTPUTS	
P0-P7	Q0-Q7	G1	G2	P=Q	P>Q
P = Q		0	0	0	1
P > Q		0	0	1	0
P < Q		0	0	1	1
X		1	1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

SN75160AN (TI)
SN75160AN-R (TI)
SN75160N (TI)
OCTAL GENERAL-PURPOSE INTERFACE BUS TRANSCEIVERS
— TOP VIEW —





TE ; TALK ENABLE
PE ; PULL-UP ENABLE

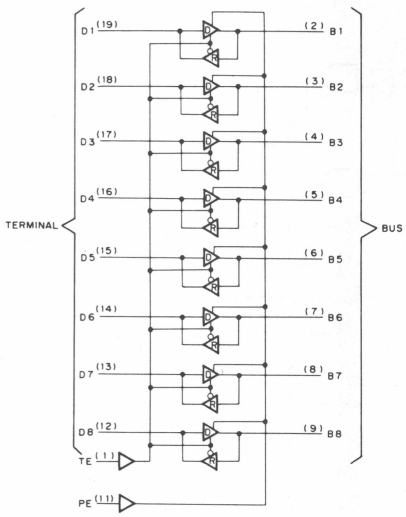
DRIVERS

INPUTS			OUTPUT
D	TE	PE	B
1	1	1	1
0	1	X	0
1	X	0	Z
X	0	X	Z

RECEIVERS

INPUTS			OUTPUT
B	TE	PE	D
0	0	X	0
1	0	X	1
X	1	X	Z

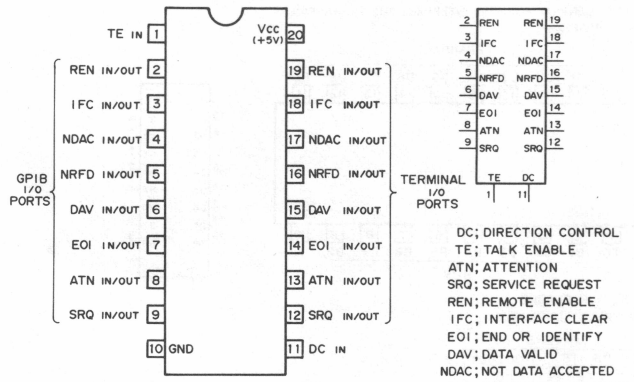
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
Z ; HIGH IMPEDANCE



= DRIVER

= RECEIVER

SN75161AN (TI)
INTERFACE BUS TRANSCEIVERS
— TOP VIEW —



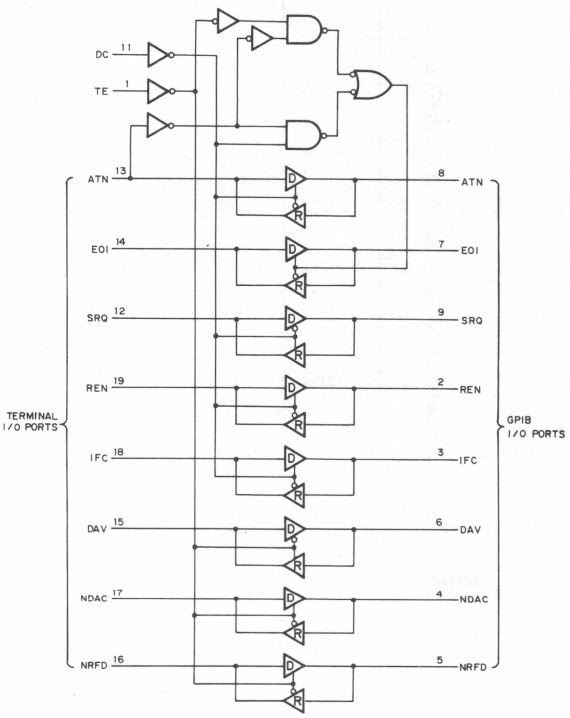
DC; DIRECTION CONTROL
TE; TALK ENABLE
ATN; ATTENTION
SRQ; SERVICE REQUEST
REN; REMOTE ENABLE
IFC; INTERFACE CLEAR
EOI; END OR IDENTIFY
DAV; DATA VALID
NDAC; NOT DATA ACCEPTED
NRFD; NOT READY FOR DATA

RECEIVE/TRANSMIT FUNCTION TABLE

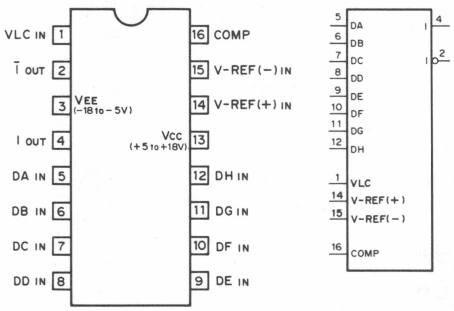
CONTROLS			BUS-MANAGEMENT CHANNELS					DATA-TRANSFER CHANNELS		
			CONTROLLED BY DC				EOI	CONTROLLED BY TE		
DC	TE	ATN	ATN	SRQ	REN	IFC		DAV	NDAC	NRFD
1	1	1	R	T	R	R	T	T	R	R
1	1	0					R			
0	0	1	T	R	T	T	R	R	T	T
0	0	0					T			
1	0	X	R	T	R	R	R	R	T	T
0	1	X	T	R	T	T	T	T	R	R

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DONT CARE

R ; RECEIVE (TERMINAL ← GPIB)
T ; TRANSMIT (TERMINAL → GPIB)

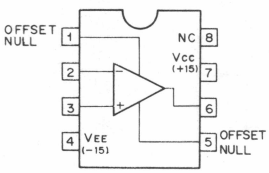


TD62901P (TOSHIBA)
HIGH SPEED 8-BIT D/A CONVERTER
— TOP VIEW —

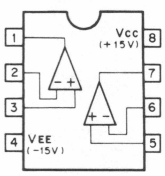


COMP ; COMPENSATION
DA-DH ; BINARY DATA
I ; COMPLEMENTARY CURRENT
V-REF ; REFERENCE VOLTAGE
VLC ; THRESHOLD LEVEL CONTROL

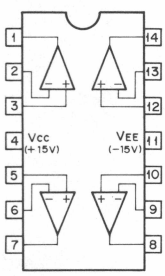
TL081CP (TI)
uPC811C (NEC)
OPERATIONAL AMPLIFIER
(JFET INPUT)
— TOP VIEW —



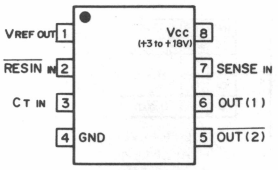
TL082ACP (TI)
TL082BCP (TI)
TL082CP (TI)
TL082CPS (TI) FLAT PACKAGE
uPC4082C (NEC)
OPERATIONAL AMPLIFIER
(J FET-INPUT)
— TOP VIEW —

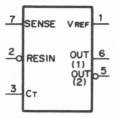


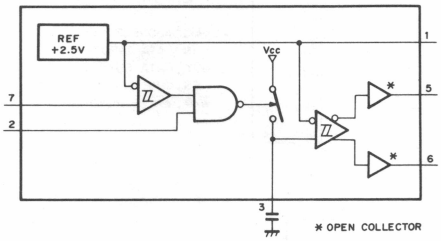
TL084ACN (TI)
TL084BCN (TI)
TL084CN (TI)
TL084CNS (TI) FLAT PACKAGE
uPC4084C (NEC)
OPERATIONAL AMPLIFIER
(J FET-INPUT)
— TOP VIEW —



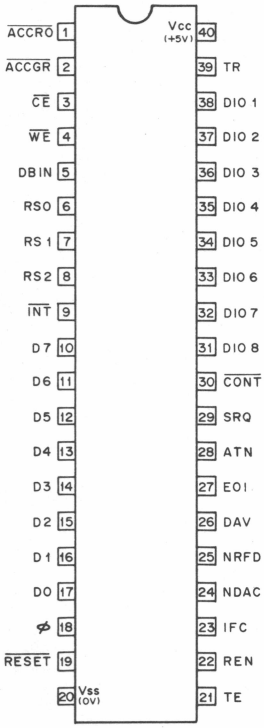
TL7705ACP (TI)
TL7705CP (TI)
POWER VOLTAGE SUPERVISOR
— TOP VIEW —

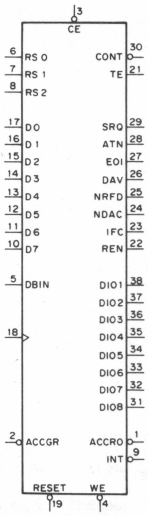




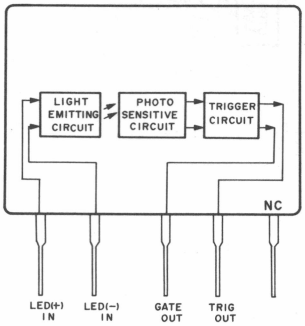


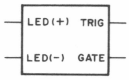
TMS9914ANL (TI)
IEEE488 INTERFACE
— TOP VIEW —

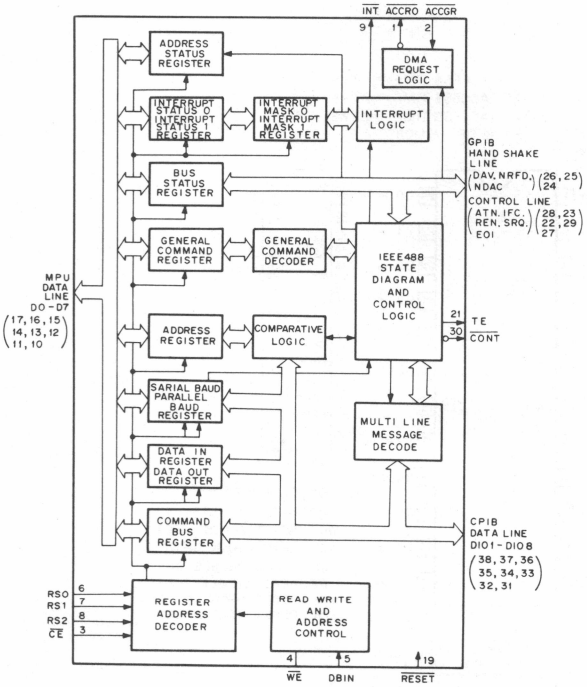




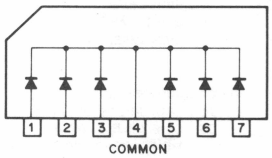
UFZ01B4A1 (HITACHI)
TRIAC CONTROLLER
— SIDE VIEW —



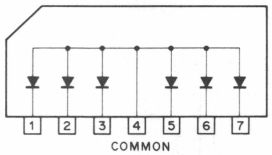




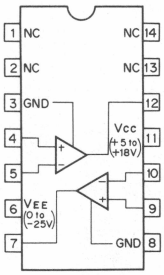
uPA54H (NEC)
uPA54HA (NEC)
DIODE ARRAY
— SIDE VIEW —



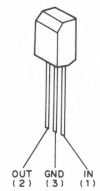
uPA64H (NEC)
uPA64HA (NEC)
DIODE ARRAY
— SIDE VIEW —



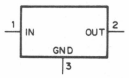
uPC272C (NEC)
uPC319C (NEC)
DUAL VOLTAGE COMPARATOR
— TOP VIEW —



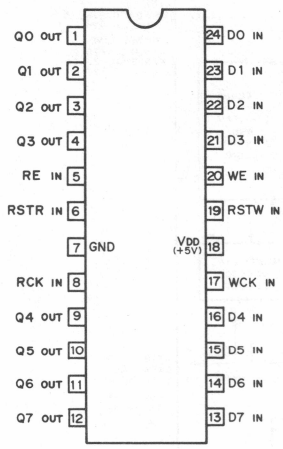
uPC78L ? ? (NEC)
uPC78L ? ?A (NEC)
POSITIVE VOLTAGE REGULATOR (100mA)

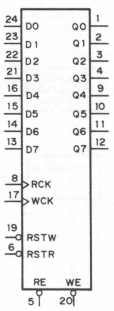


OUTPUT VOLTAGE	uPC78L??	uPC78L??A
5V	uPC78L05	uPC78L05A
8V	uPC78L08	
12V	uPC78L12	
15V	uPC78L15	

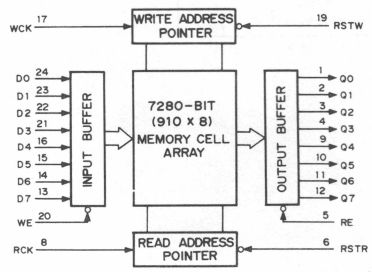


uPD41101C-1 (NEC) (ACCESS TIME = 49 nS)
uPD41101C-2 (NEC) (ACCESS TIME = 27 nS)
uPD41101C-3 (NEC) (ACCESS TIME = 27 nS)
N-MOS 7280-BIT (910x8) FIFO MEMORY
— TOP VIEW —

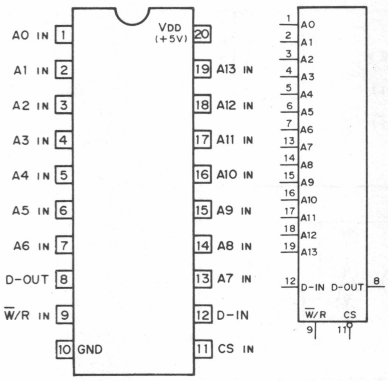




D0–D7 ; DATA INPUTS
Q0–Q7 ; DATA OUTPUTS
WCK ; WRITE CLOCK INPUT
RCK ; READ CLOCK INPUT
WE ; WRITE ENABLE INPUT
RE ; READ ENABLE INPUT
RSTW ; RESET WRITE INPUT
RSTR ; RESET READ INPUT



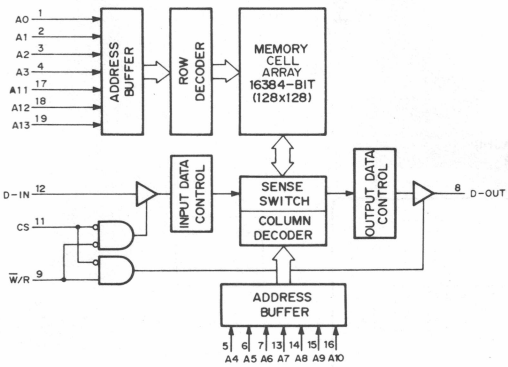
uPD4311C-35 (NEC) (ACCESS TIME = 35 nS)
uPD4311C-45 (NEC) (ACCESS TIME = 45 nS)
uPD4311C-55 (NEC) (ACCESS TIME = 55 nS)
C-MOS 16384-BIT (16384x1) STATIC RAM
— TOP VIEW —



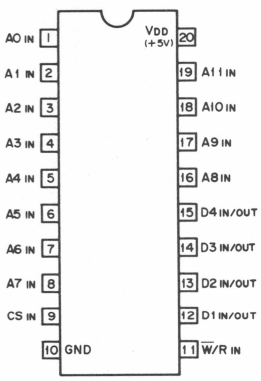
INPUTS CS	INPUTS W/R	OUTPUT STATUS	MODE
1	X	HI-Z	NO SELECTION
0	0		WRITE
0	1	D OUT	READ

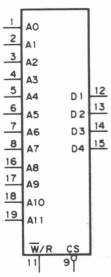
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

A0–A13 ; ADDRESS INPUTS
D-IN ; DATA INPUT
D-OUT ; DATA OUTPUT
CS ; CHIP SELECT INPUT
W/R ; WRITE/READ INPUT



uPD4314C-35 (NEC) (ACCESS TIME = 35 nS)
uPD4314C-45 (NEC) (ACCESS TIME = 45 nS)
uPD4314C-55 (NEC) (ACCESS TIME = 55 nS)
C-MOS 16384-BIT (4096x4) STATIC RAM
— TOP VIEW —

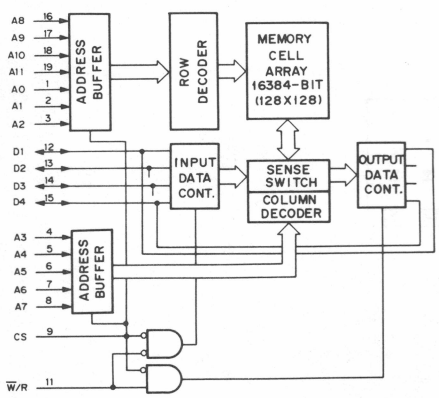




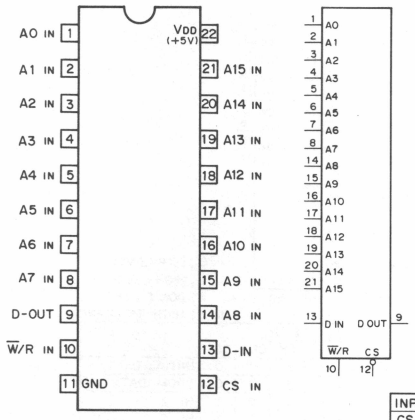
INPUTS CS	INPUTS W/R	OUTPUT STATUS	MODE
1	X	HI-Z	NO SELECTION
0	0		WRITE
0	1	D OUT	READ

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

A0–A11 ; ADDRESS INPUTS
D1–D4 ; DATA INPUTS/OUTPUTS
CS ; CHIP SELECT INPUT
W/R ; WRITE/READ INPUT



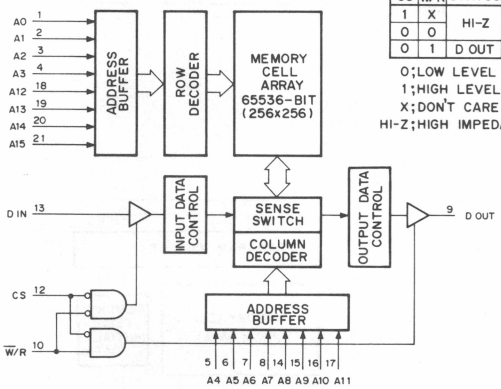
uPD4361C-45 (NEC) (ACCESS TIME = 45nS)
uPD4361C-55 (NEC) (ACCESS TIME = 55nS)
uPD4361C-70 (NEC) (ACCESS TIME = 70nS)
C-MOS 65536-BIT (65536x1) STATIC RAM
— TOP VIEW —



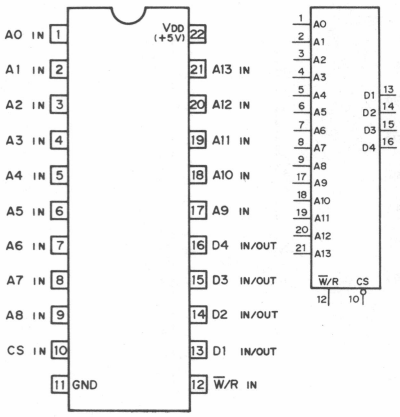
A0-A15;ADDRESS INPUTS
D-IN;DATA INPUT
D-OUT;DATA OUTPUT
W/R;WRITE/READ INPUT
CS;CHIP SELECT INPUT

INPUTS		OUTPUT STATUS	MODE
CS	W/R		
1	X	HI-Z	NO SELECTION
0	0		WRITE
0	1	D OUT	READ

0;LOW LEVEL
1;HIGH LEVEL
X;DON'T CARE
HI-Z;HIGH IMPEDANCE



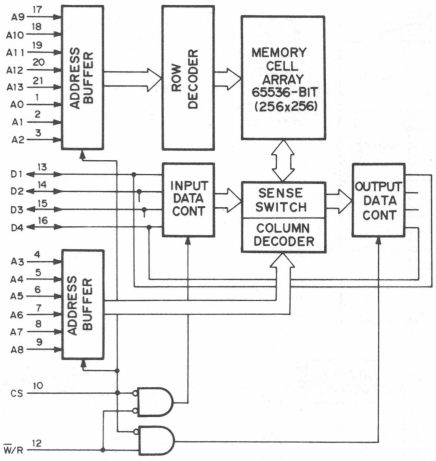
uPD4362C-45 (NEC) (ACCESS TIME = 45 nS)
uPD4362C-55 (NEC) (ACCESS TIME = 55 nS)
uPD4362C-70 (NEC) (ACCESS TIME = 70 nS)
C-MOS 65536-BIT (16384x4) STATIC RAM
— TOP VIEW —



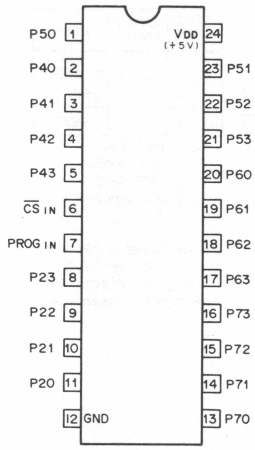
INPUTS		OUTPUT STATUS	MODE
CS	W/R		
1	X	HI-Z	NO SELECTION
0	0		WRITE
0	1	DOUT	READ

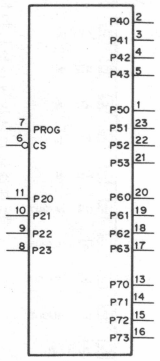
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

A0-A13 ; ADDRESS INPUTS
D1-D4 ; DATA INPUTS/OUTPUTS
CS ; CHIP SELECT INPUT
W/R ; WRITE/READ INPUT



uPD82C43C (NEC)
uPD82C43CY (NEC)
uPD82C43G (NEC) FLAT PACKAGE
C-MOS I/O PORT EXPANDER
— TOP VIEW —

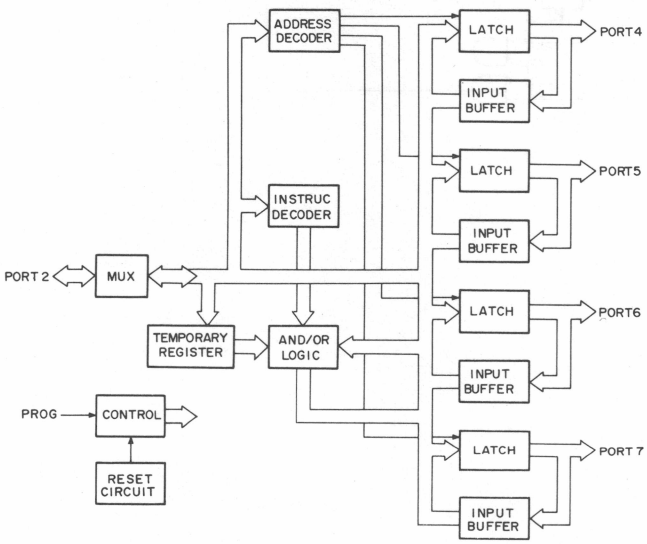




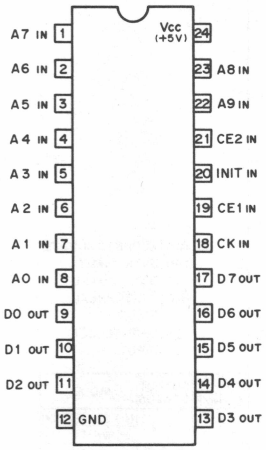
CONTROL AND PORT ADDRESSING

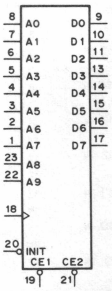
P23	P22	P21	P20	PORT	CONTROL
0	0	0	0	4	READ
0	0	0	1	5	
0	0	1	0	6	
0	0	1	1	7	
0	1	0	0	4	WRITE
0	1	0	1	5	
0	1	1	0	6	
0	1	1	1	7	
1	0	0	0	4	OR
1	0	0	1	5	
1	0	1	0	6	
1	0	1	1	7	
1	1	0	0	4	AND
1	1	0	1	5	
1	1	1	0	6	
1	1	1	1	7	

PROG ; PROGRAM PULSE INPUT
$\overline{CS}$; CHIP SELECT INPUT
P20~P23 ; I/O PORT 2 (FOR CPU)
P40~P43 ; I/O PORT 4
P50~P53 ; I/O PORT 5
P60~P63 ; I/O PORT 6
P70~P73 ; I/O PORT 7



CY7C235-30PC (CYPRESS SEMI.) (ADDRESS SETUP TIME = 30nS)
CY7C235-40PC (CYPRESS SEMI.) (ADDRESS SETUP TIME = 40nS)
MB7232RA-20 (FUJITSU) (CLOCK ACCESS TIME = 20nS)
MB7232RA-25 (FUJITSU) (CLOCK ACCESS TIME = 25nS)
8K (1024x8) REGISTERED OUTPUT PROM (3-STATE OUTPUT)
— TOP VIEW —

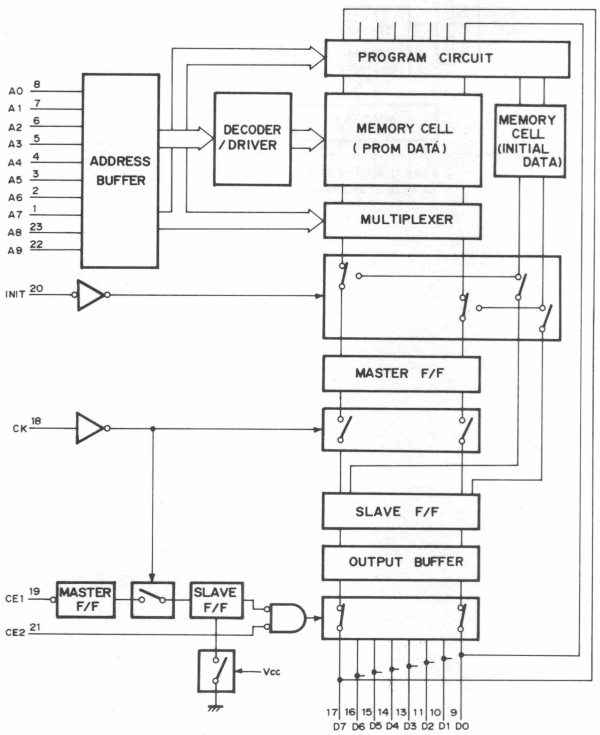




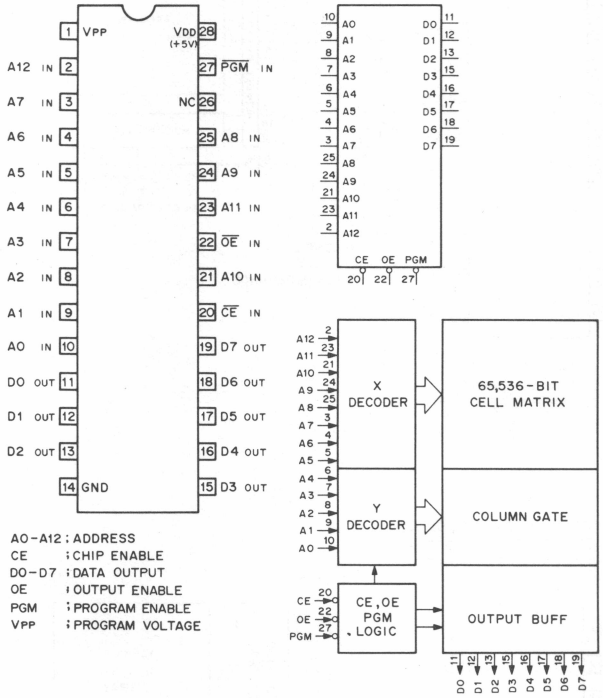
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

INPUTS				OUTPUTS (D0-D7)
INIT	CK	CE2	CE1	
0	X	0	0	INITIAL DATA
1	↓	0	0	PROM DATA
X	↓	X	1	HI-Z
X	X	1	X	HI-Z

A0-A9 ; ADDRESS INPUTS
D0-D7 ; DATA OUTPUTS
CE2 ; ASYNCHRONOUS CHIP ENABLE INPUT
CE1 ; SYNCHRONOUS CHIP ENABLE INPUT
CK ; CLOCK INPUT
INIT ; ASYNCHRONOUS INTIALIZE INPUT



HN27C64G-20 (HITACHI) (ACCESS TIME = 200 nS)
MBM27C64-20 (FUJITSU) (ACCESS TIME = 200 nS)
MBM27C64-25 (FUJITSU) (ACCESS TIME = 250 nS)
MBM27C64-30 (FUJITSU) (ACCESS TIME = 300 nS)
C-MOS 64K (8K-8) ERASABLE PROM WITH 3-STATE OUTPUTS
— TOP VIEW —

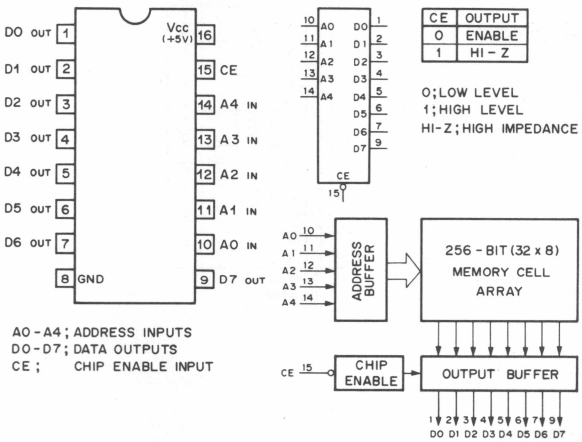


A0-A12 ; ADDRESS
CE ; CHIP ENABLE
D0-D7 ; DATA OUTPUT
OE ; OUTPUT ENABLE
PGM ; PROGRAM ENABLE
VPP ; PROGRAM VOLTAGE

An	CE	OE	PGM	Vpp	Dn	FUNCTION
An	0	0	1	+5V	D OUT	READ
An	0	1	1	+5V	HI-Z	OUTPUT DISABLE
An	0	0	0	+5V	HI-Z	OUTPUT DISABLE
X	1	X	X	+5V	HI-Z	STANDBY
An	0	X	⊓	+21V	DIN	PGM
An	0	0	1	+21V	D OUT	PGM VERIFY
X	1	X	X	+21V	HI-Z	PGM INH

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

MB7112E (FUJITSU) (ACCESS TIME = 35 nS)
MB7112H (FUJITSU) (ACCESS TIME = 25 nS)
256-BIT (32x8) PROM WITH 3-STATE OUTPUT
— TOP VIEW —

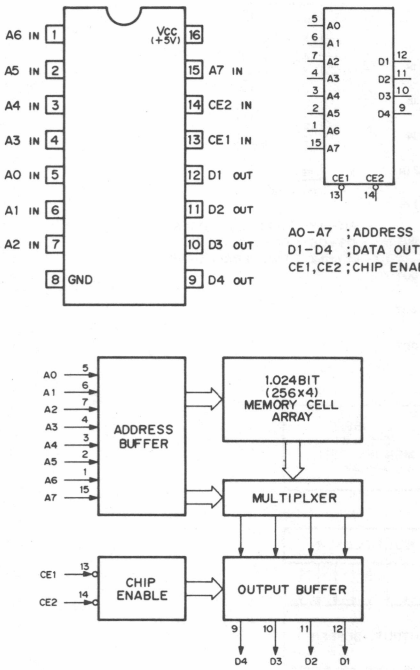


CE	OUTPUT
0	ENABLE
1	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE

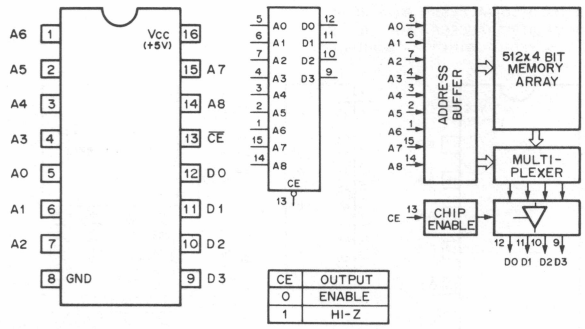
A0-A4 ; ADDRESS INPUTS
D0-D7 ; DATA OUTPUTS
CE ; CHIP ENABLE INPUT

MB7114E (FUJITSU) (ACCESS TIME = 40nS)
MB7114H (FUJITSU) (ACCESS TIME = 30nS)
1024-BIT (256x4) PROM
— TOP VIEW —



A0-A7 ; ADDRESS INPUTS
D1-D4 ; DATA OUTPUTS
CE1,CE2 ; CHIP ENABLE INPUTS

MB7116E (FUJITSU) (ACCESS TIME = 45 nS)
MB7116H (FUJITSU) (ACCESS TIME = 35 nS)
2048-BIT (512x4) PROM WITH 3-STATE OUTPUT
— TOP VIEW —

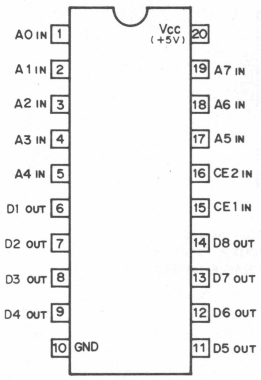


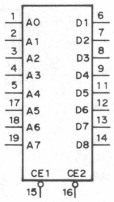
CE	OUTPUT
0	ENABLE
1	HI-Z

A0-A8 ; ADDRESS INPUT
D0-D3 ; DATA OUTPUT
CE ; CHIP ENABLE INPUT

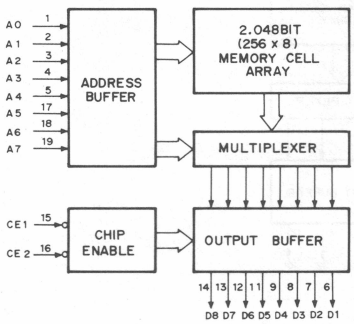
0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE

MB7118E (FUJITSU) (ACCESS TIME = 45nS)
MB7118H (FUJITSU) (ACCESS TIME = 35nS)
2048-BIT (256x8) PROM
— TOP VIEW —

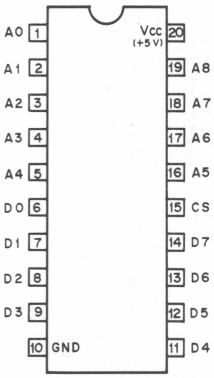


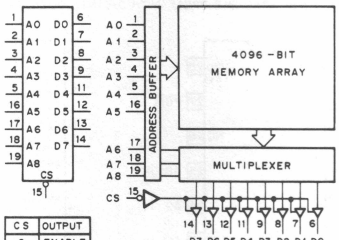


A0-A7 ; ADDRESS INPUTS
D1-D8 ; DATA OUTPUTS
CE1,CE2 ; CHIP ENABLE INPUTS



MB7124EZ (FUJITSU)
MB7124HZ (FUJITSU)
4096-BIT (512x8) PROM WITH 3-STATE OUTPUT
— TOP VIEW —



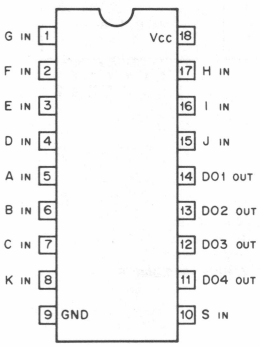


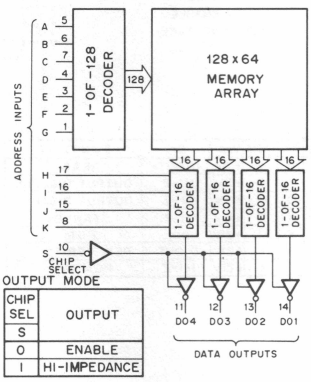
CS	OUTPUT
0	ENABLE
1	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE

A0-A8 ; ADDRESS INPUTS
D0-D7 ; DATA OUTPUTS
CS ; CHIP SELECT INPUT

MB7128E (FUJITSU) (ACCESS TIME = 55 nS)
MB7128H (FUJITSU) (ACCESS TIME = 45 nS)
8192-BIT (2048x4) PROM WITH 3-STATE OUTPUTS
— TOP VIEW —





OUTPUT MODE

CHIP SEL S	OUTPUT
0	ENABLE
1	HI-IMPEDANCE

WORD/ADDRESS TABLE

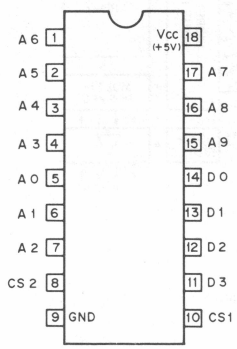
WORD	ADDRESS INPUTS										
	K	J	I	H	G	F	E	D	C	B	A
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	1	0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
2045	1	1	1	1	1	1	1	1	1	0	1
2046	1	1	1	1	1	1	1	1	1	1	0
2047	1	1	1	1	1	1	1	1	1	1	1

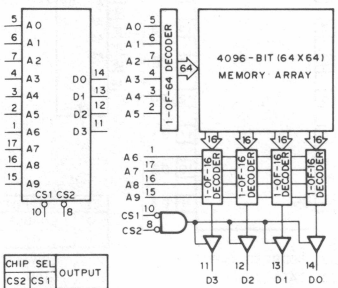
DATA CODE		ACTUAL DATA			
		DO4	DO3	DO2	DO1
0	0	0	0	0	0
1	1	0	0	0	1
2	2	0	0	1	0
3	3	0	0	1	1
4	4	0	1	0	0
5	5	0	1	0	1
6	6	0	1	1	0
7	7	0	1	1	1
8	8	1	0	0	0
9	9	1	0	0	1
10	A	1	0	1	0
11	B	1	0	1	1
12	C	1	1	0	0
13	D	1	1	0	1
14	E	1	1	1	0
15	F	1	1	1	1

IN HEXADECIMAL
IN DECIMAL

0: LOW LEVEL
1 : HIGH LEVEL

MB7122E (FUJITSU) (ACCESS TIME = 45 nS)
MB7122H (FUJITSU) (ACCESS TIME = 35 nS)
MB7122N (FUJITSU) (ACCESS TIME = 60 nS)
4096-BIT (1024x4) PROM WITH 3-STATE OUTPUT
— TOP VIEW —



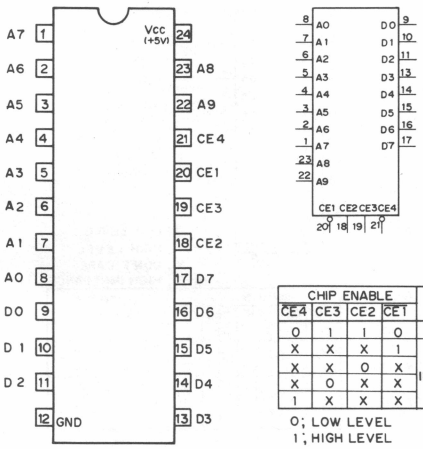


CHIP SEL CS2	CS1	OUTPUT
0	0	ENABLE
X	1	HI-Z
1	X	

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

A0-A9 ; ADDRESS INPUTS
D0-D3 ; DATA OUTPUTS
CS1,CS2 ; CHIP SELECT INPUTS

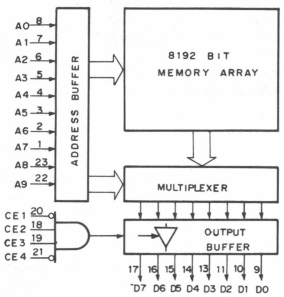
MB7132E (FUJITSU) (ACCESS TIME = 55 nS MAX)
MB7132H (FUJITSU) (ACCESS TIME = 45 nS MAX)
MB7132Y (FUJITSU) (ACCESS TIME = 35 nS MAX)
8192-BIT (1024x8) PROM WITH 3-STATE OUTPUT
— TOP VIEW —



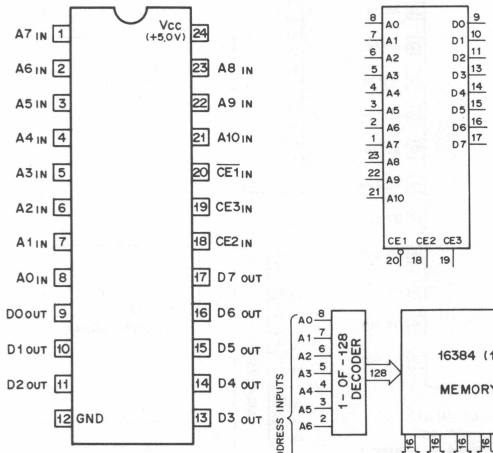
CHIP ENABLE				OUTPUT
CE4	CE3	CE2	CE1	
0	1	1	0	ENABLE
X	X	X	1	HIGH IMPEDANCE
X	X	0	X	
X	0	X	X	
1	X	X	X	

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

A0—A9 ; ADDRESS INPUTS
D0—D7 ; DATA OUTPUTS
CE1—CE4 ; CHIP ENABLE INPUTS



MB7138E (FUJITSU) (ACCESS TIME = 55 nS)
MB7138H (FUJITSU) (ACCESS TIME = 45 nS)
MB7138HSK (FUJITSU) (ACCESS TIME = 45 nS)
MB7138Y (FUJITSU) (ACCESS TIME = 35 nS)
MB7138YSK (FUJITSU) (ACCESS TIME = 35 nS)
16384-BIT (2048x8) PROM WITH 3-STATE OUTPUTS
— TOP VIEW —



CHIP SEL			OUTPUT
CE1	CE2	CE3	
0	1	1	ENABLE
1	0	X	HI-IMPEDANCE
1	X	0	

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

WORD / ADDRESS TABLE

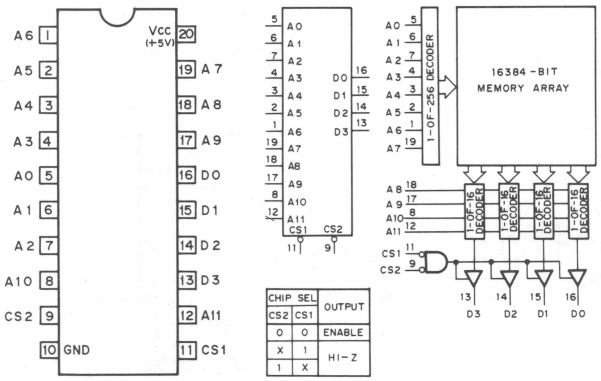
WORD	ADDRESS INPUT										
	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	1	0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
2045	1	1	1	1	1	1	1	1	1	0	1
2046	1	1	1	1	1	1	1	1	1	1	0
2047	1	1	1	1	1	1	1	1	1	1	1

DATA CODE / ACTUAL DATA

DATA CODE		ACTUAL DATA							
		D7	D6	D5	D4	D3	D2	D1	D0
0	00	0	0	0	0	0	0	0	0
1	01	0	0	0	0	0	0	0	1
2	02	0	0	0	0	0	0	1	0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8	08	0	0	0	0	1	0	0	0
9	09	0	0	0	0	1	0	0	1
10	0A	0	0	0	0	1	0	1	0
11	0B	0	0	0	0	1	0	1	1
12	0C	0	0	0	0	1	1	0	0
13	0D	0	0	0	0	1	1	0	1
14	0E	0	0	0	0	1	1	1	0
15	0F	0	0	0	0	1	1	1	1
16	10	0	0	0	1	0	0	0	0
17	11	0	0	0	1	0	0	0	1
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
238	EE	1	1	1	0	1	1	1	0
239	EF	1	1	1	0	1	1	1	1
240	F0	1	1	1	1	0	0	0	0
241	F1	1	1	1	1	0	0	0	1
242	F2	1	1	1	1	0	0	1	0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
248	F8	1	1	1	1	1	0	0	0
249	F9	1	1	1	1	1	0	0	1
250	FA	1	1	1	1	1	0	1	0
251	FB	1	1	1	1	1	0	1	1
252	FC	1	1	1	1	1	1	0	0
253	FD	1	1	1	1	1	1	0	1
254	FE	1	1	1	1	1	1	1	0
255	FF	1	1	1	1	1	1	1	1

IN HEXADECIMAL
IN DECIMAL

MB7134E (FUJITSU) (ACCESS TIME = 45 nS)
MB7134H (FUJITSU) (ACCESS TIME = 55 nS)
MB7134Y (FUJITSU) (ACCESS TIME = 35 nS)
16384-BIT (4096x4) PROM WITH 3-STATE OUTPUT
— TOP VIEW —

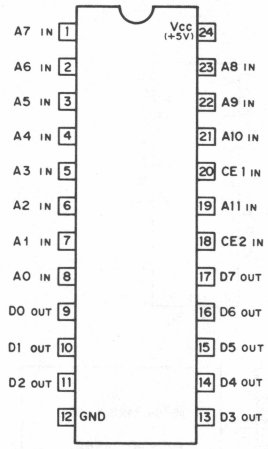


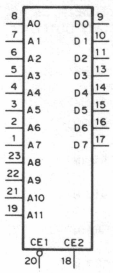
CHIP SEL		OUTPUT
CS2	CS1	
0	0	ENABLE
X	1	HI-Z
1	X	

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

A0-A11 ; ADDRESS INPUTS
D0-D3 ; DATA OUTPUTS
CS1,CS2 ; CHIP SELECT INPUTS

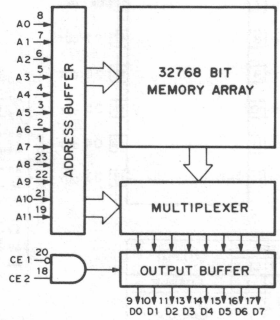
MB7142E (FUJITSU) (ACCESS TIME = 65 nS)
MB7142H (FUJITSU) (ACCESS TIME = 55 nS)
32768 BIT (4096x8) PROM WITH 3-STATE OUTPUTS
— TOP VIEW —





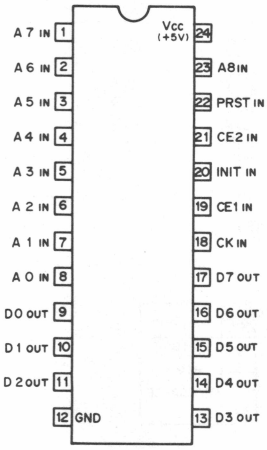
CHIP SEL		OUTPUT
CE1	CE2	
0	1	ENABLE
1	X	HI-Z
X	0	

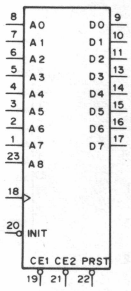
1; HIGH LEVEL
0; LOW LEVEL
X; DON'T CARE
HI-Z; HI IMPEDANCE



A0-A11 ; ADDRESS INPUTS
D0-D7 ; DATA OUTPUTS
CE1,CE2 ; CHIP ENABLE INPUTS

MB7226RA-20 (FUJITSU) (ACCESS TIME = 20nS)
MB7226RA-25 (FUJITSU) (ACCESS TIME = 25nS)
4096-BIT (512x8) REGISTERED OUTPUT PROM (3-STATE OUTPUT)
— TOP VIEW —



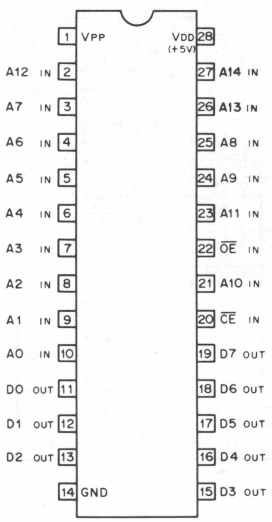


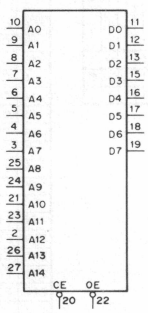
0; LOW LEVEL
1; HGIH LEVEL
X; DON'T CARE
HI-Z; HIGH IMPEDANCE

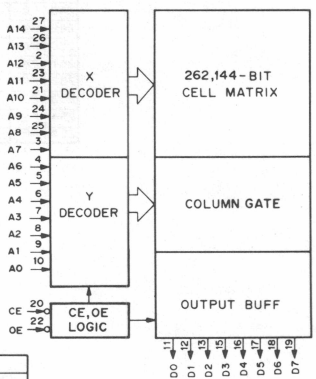
INPUTS					OUTPUTS (D0-D7)
PRST	INIT	CK	CE2	CE1	
0	0	X	0	0	1
0	1	X	0	0	INITIAL DATA(1)
1	0	X	0	0	INITIAL DATA
1	1	∫	0	0	PROM DATA
X	X	∫	X	1	HI-Z
X	X	X	1	X	HI-Z

A0-A8 ; ADDRESS INPUTS
D0-D7 ; DATA OUTPUTS
CE2 ; ASYNCHRONOUS CHIP ENABLE INPUT
CE1 ; SYNCHRONOUS CHIP ENABLE INPUT
CK ; CLOCK INPUT
PRST ; ASYNCHRONOUS PRESET INPUT
INIT ; ASYNCHRONOUS INITIALIZE INPUT

MBM27C256-20 (FUJITSU) (ACCESS TIME = 200 nS)
MBM27C256-25 (FUJITSU) (ACCESS TIME = 250 nS)
TC57256D-25 (TOSHIBA) (ACCESS TIME = 250 nS)
uPD27C256AD-12 (NEC) (ACCESS TIME = 120 nS)
C-MOS 256K (32K-8) ERASABLE PROM WITH 3-STATE OUTPUTS
— TOP VIEW —



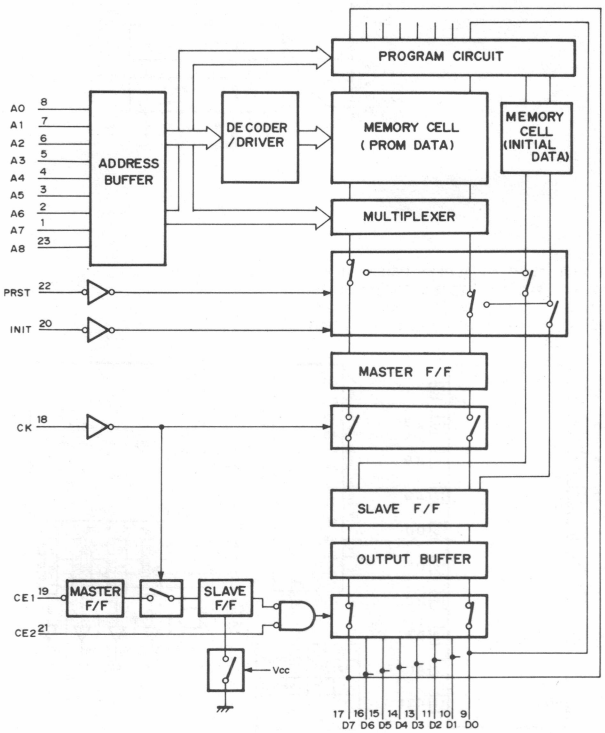




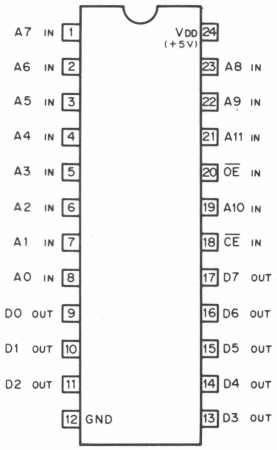
AO-A12 : ADDRESS
CE : CHIP ENABLE
DO-D7 : DATA OUTPUT
OE : OUTPUT ENABLE
VPP ; PROGRAM POWER SUPPLY

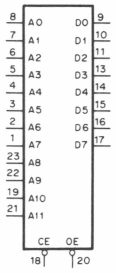
An	CE	OE	Vpp	Dn	FUNCTION
An	0	0	+5V	D OUT	READ
An	0	1	+5V	HI-Z	OUTPUT DISABLE
X	1	X	+5V	HI-Z	STANDBY
An	0	1	+21V	DIN	PGM
An	0	0	+21V	D OUT	PGM VERIFY
X	1	X	+21V	HI-Z	PGM INH

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
HI-Z : HIGH IMPEDANCE



MBM27C32A-20 (FUJITSU) (ACCESS TIME = 200 nS)
MBM27C32A-25 (FUJITSU) (ACCESS TIME = 250 nS)
MBM27C32A-30 (FUJITSU) (ACCESS TIME = 300 nS)
C-MOS 32K (4Kx8) UV EPROM
— TOP VIEW —

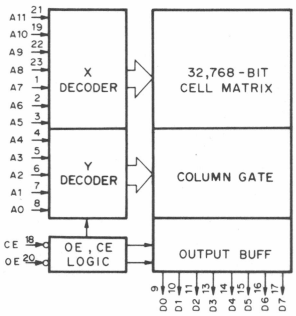




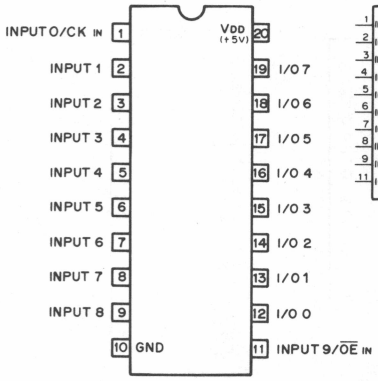
IN		OUT	FUNCTION
CE	OE	Dn	
0	0	DENTERED	READ
1	X	HIGH Z	STANDBY

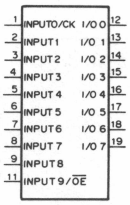
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
HIGH Z; HIGH IMPEDANCE

A0-A11 ; ADDRESS
CE ; CHIP ENABLE
OE ; OUTPUT ENABLE
D0-D7 ; DATA OUTPUTS



VP16V8E (VLSI TECHNOLOGY)
C-MOS GENERIC ARRAY LOGIC
— TOP VIEW —

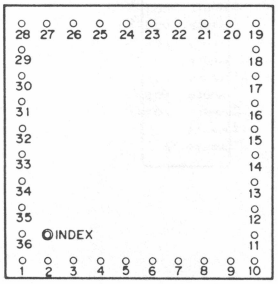


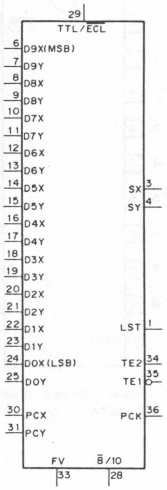


* ABOVE DIAGRAM SHOWS CONDITIONS BEFORE WRITING OF DATA.

SBX1601 (SONY)

8- OR 10-BIT PARALLEL-TO-SERIAL CONVERTER
– TOP VIEW –





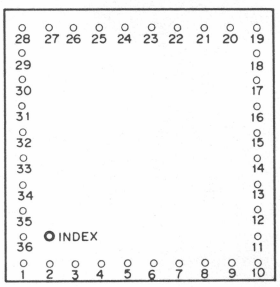
INPUT
D9X – D0X, D9Y – D0Y :
PARALLEL DATA INPUTS
PCX, PCY : PARALLEL CLOCK INPUTS
FV : VCO FREQ. ADJ. INPUT
$\overline{8}/10$: 10BIT/$\overline{8BIT}$ SELECT INPUT
TE1 : TEST TERMINAL (LOW = TEST)
TTL/$\overline{ECL}$: INPUT LEVEL SELECT
(+ 5V = TTL, GND = ECL)

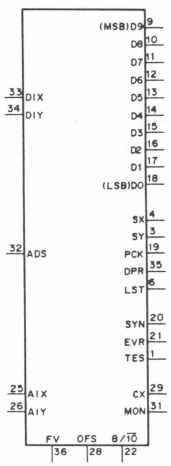
OUTPUT
LST : PLL LOCK DETECT OUTPUT (H : LOCK)
PCK : PARALLEL CLOCK OUTPUT
SX, SY : SERIAL DATA OUTPUTS
TE2 : TEST TERMINAL

PIN	I/O	SYMBOL	PIN	I/O	SYMBOL	PIN	I/O	SYMBOL	PIN	I/O	SYMBOL
1	O	LST	10	I	D7X	19	I	D3Y	28	I	$\overline{8}/10$
2	—	GND	11	I	D7Y	20	I	D2X	29	—	TTL/$\overline{ECL}$
3	O	SX	12	I	D6X	21	I	D2Y	30	I	PCX
4	O	SY	13	I	D6Y	22	I	D1X	31	I	PCY
5	—	GND	14	I	D5X	23	I	D1Y	32	—	GND
6	I	D9X(MSB)	15	I	D5Y	24	I	D0X(LSB)	33	I	FV
7	I	D9Y	16	I	D4X	25	I	D0Y	34	O	TE2
8	I	D8X	17	I	D4Y	26	—	VEE(– 5V)	35	I	TE1
9	I	D8Y	18	I	D3X	27	—	VEL(– 3.5V)	36	O	PCK

SBX1602 (SONY)

8- OR 10-BIT SERIAL-TO-PARALLEL CONVERTER
– TOP VIEW –





INPUT
ADS : SERIAL DATA SELECT INPUT (H : DI, L : AI)
AIX, AIY : EQUALIZER INPUTS
DIX, DIY : SERIAL DATA INPUTS
OFS : AGC OFFSET ADJ. INPUT
$8/\overline{10}$: 8BIT/$\overline{10BIT}$ SELECT INPUT
FV : VCO FREQ. ADJ. INPUT

OUTPUT
CX : EQUALIZER DETECT OUTPUT (L : NO INPUT)
D9 – D0 : PARALLEL DATA OUTPUTS
DPR : SERIAL DATA DETECT OUTPUT (L : NO INPUT)
EVR : REFERENCE VOLTAGE FOR PARALLEL OUTPUT
LST : PLL LOCK DETECT OUTPUT (H : LOCK)
MON : EQUALIZER MONITOR OUTPUT
PCK : PARALLEL CLOCK OUTPUT
SX, SY : SERIAL DATA OUTPUTS
SYN : TRS DETECT OUTPUT
TES : TEST TERMINAL

PIN	I/O	SYMBOL	PIN	I/O	SYMBOL	PIN	I/O	SYMBOL	PIN	I/O	SYMBOL
1	O	TES	10	O	D8	19	O	PCK	28	I	OFS
2	—	GND	11	O	D7	20	O	SYN	29	O	CX
3	O	SY	12	O	D6	21	O	EVR	30	—	GND
4	O	SX	13	O	D5	22	I	$8/\overline{10}$	31	O	MON
5	—	GND	14	O	D4	23	—	VEE2(– 5V)	32	I	ADS
6	O	LST	15	O	D3	24	—	GND	33	I	DIX
7	—	VEE1(– 5V)	16	O	D2	25	I	AIX	34	I	DIY
8	—	VEL(– 3.5V)	17	O	D1	26	I	AIY	35	O	DPR
9	O	D9(MSB)	18	O	D0(LSB)	27	—	GND	36	I	FV

SECTION D
REPLACEABLE PARTS AND OPTIONAL FIXTURE

補修用部品注意事項

(1) 安全重要部品

回路図，分解図，電気部品表中，⚠ 印及び ▒ で囲まれた部品は安全性を維持するために重要な部品です。従ってこれらの部品を交換するときには必ず指定の部品と交換して下さい。

(2) 部品の共通化

ソニーから供給される部品はセットに実装されているものと異なることがあります。これは部品の共通化，改良等によるものです。
分解図や電気部品表には現時点での共通化された部品が記載されています。

(3) 部品の変更

部品の変更に関する情報は第E章「CHANGED PARTS」を参照して下さい。

(4) 部品の在庫

部品表のSP (Supply code) 欄にoで示される部品は交換頻度が低い部品ですので在庫していないことがあり，納期が長くなることがあります。

(5) コンデンサー，インダクター，抵抗の単位

回路図，分解図，電気部品表中，特に明記したものを除き，下記の単位は省略されています。

コンデンサー：μF
インダクター：μH
抵抗　　：Ω

Notes on Repair Parts

(1) Safety Related Components Warning

Components identified by shading marked with ⚠ on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose part numbers appear in this manual or in service bulletins and service manual supplements published by Sony.

(2) Standardization of Parts

Repair parts supplied from Sony Parts Center may not be always identical with the parts which actually in use due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts".
This manual's exploded views and electrical spare parts list are indicating the part numbers of "the standardized genuine parts at present".

(3) Change of Parts

Regarding engineering parts changes, refer to Section E. "CHANGED PARTS".

(4) Stock of Parts

Parts marked with "o" SP (Supply Code) column of the spare parts list are not normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.

(5) Units for Capacitors, Inductors and Resistors

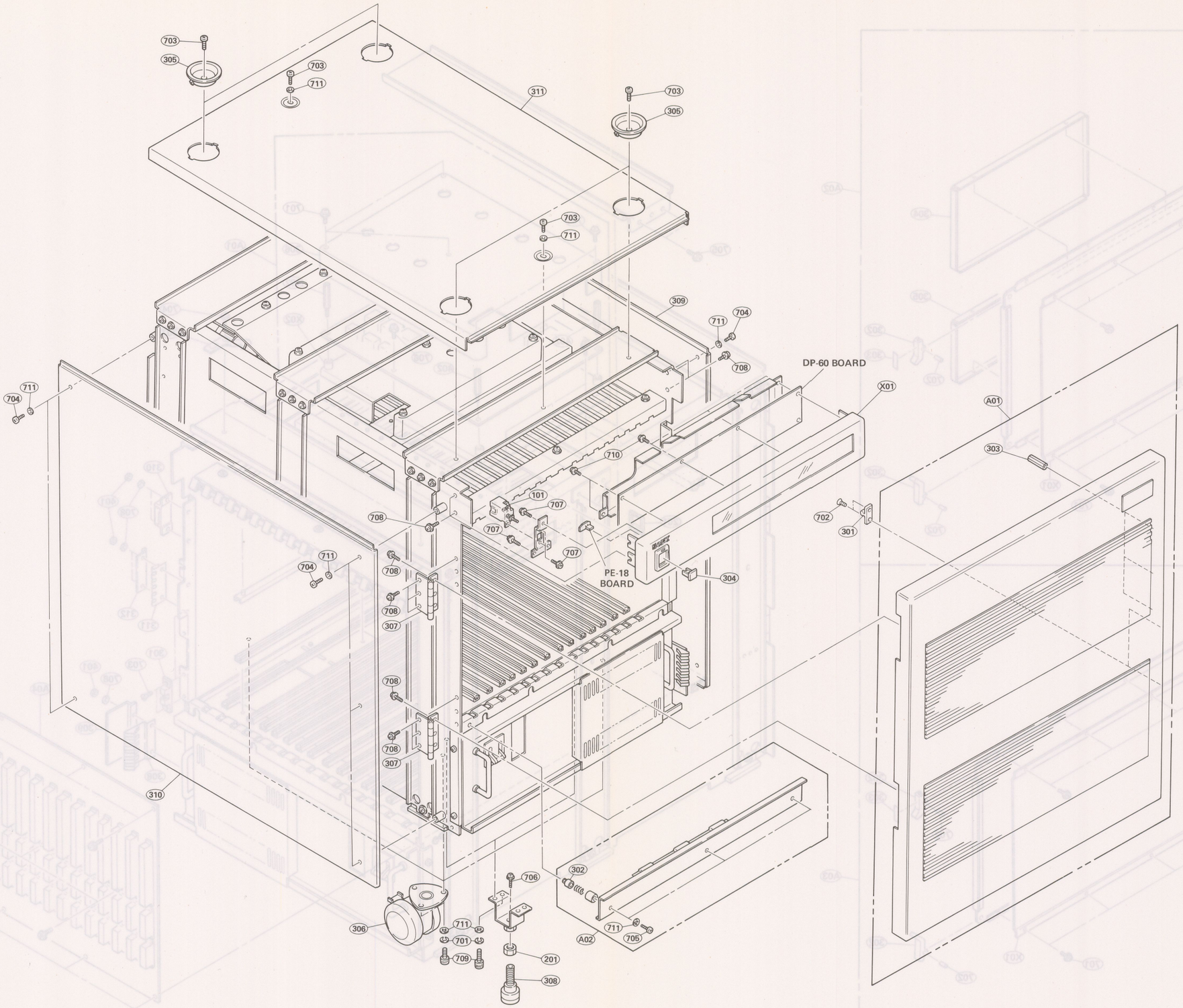
The following units are assumed in schematic diagrams, electrical parts list and exploded views unless otherwise specified:

Capacitors; μF
Inductors; μH
Resistors; ohm

MAIN ASSEMBLY, DVPC-1000

No.	Part No.	SP	Description
A01	A-6003-029-A	o	PANEL ASSY, FRONT
A02	A-6049-029-B	o	STOPPER ASSY, PC BOARD
X01	X-3715-394-1	o	PANEL (P) ASSY, FRONT
101	1-570-052-11	s	SWITCH, PUSH (POWER)
201	2-388-223-01	o	NUT, HEXAGON
301	3-153-721-01	o	CATCHER, BALL
302	3-680-316-11	o	NUT (M4), STOPPER
303	3-688-834-01	o	SUPPORT (A), AU
304	3-715-610-01	s	KNOB, PS
305	3-715-704-01	o	TABEL, FOOT
306	3-715-707-01	o	CASTER (G7PS)
307	3-715-713-01	o	HINGE
308	3-715-714-01	o	ADJUSTOR
309	3-715-784-01	o	PLATE (RIGHT), OUTER
310	3-715-785-01	o	PLATE (LEFT), OUTER
311	3-715-786-01	o	PLATE, TOP
701	7-623-210-22	s	SW4, TYPE2
702	7-682-248-09	s	SCREW, +K 3X8
703	7-682-561-09	s	SCREW, +B 4X8
704	7-682-562-04	s	SCREW, +B 4X10
705	7-682-565-09	o	SCREW, +B 4X16
706	7-682-904-11	s	SCREW, +PWH 4X8
707	7-682-947-01	s	SCREW, +PSW 3X6
708	7-682-961-01	s	SCREW, +PSW 4X8
709	7-683-421-04	s	SCREW, C 4X12
710	7-685-903-11	s	SCREW, +PTPWH 3X6 (TYPE2)
711	7-688-004-12	s	W 4, MIDDLE

MAIN ASS' Y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DP-60 BOARD
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101
707
708
707
707
702
301
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704
PE-18
BOARD
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A02
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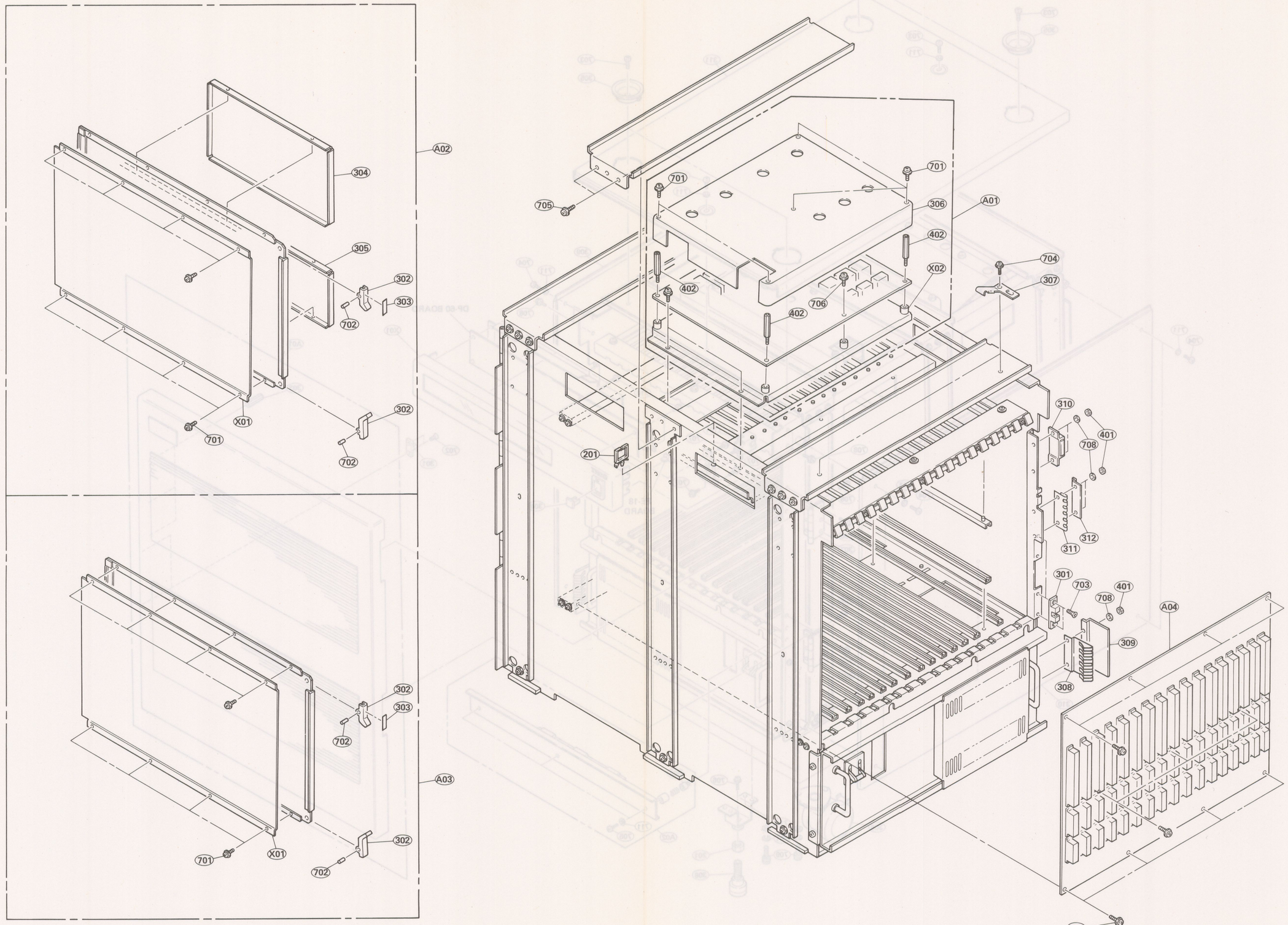
308

CARD RACK ASS' Y

CARD RACK ASS' Y



CARD RACK ASSEMBLY, DVPC-1000

No.	Part No.	SP	Description
A01	A-6013-083-A	o	COMPLETE PCB, AT-45
A02	A-6019-001-A	o	COMPLETE PCB, AA-29
A03	A-6019-002-A	o	COMPLETE PCB, VA-45
	A-6019-003-A	o	COMPLETE PCB, PG-13
	A-6019-004-A	o	COMPLETE PCB, IF-139
	A-6019-005-A	o	COMPLETE PCB, AU-86
	A-6019-006-A	o	COMPLETE PCB, AE-06
	A-6019-007-A	o	COMPLETE PCB, VE-12
	A-6019-008-A	o	COMPLETE PCB, IE-17
	A-6019-009-A	o	COMPLETE PCB, TG-28
	A-6019-010-A	o	COMPLETE PCB, AN-01
	A-6019-011-A	o	COMPLETE PCB, AP-14
	A-6019-012-A	o	COMPLETE PCB, VN-01
	A-6019-013-A	o	COMPLETE PCB, FM-09
	A-6019-014-A	o	COMPLETE PCB, CI-01
	A-6019-015-A	o	COMPLETE PCB, SY-70
A04	A-6025-110-A	o	COMPLETE PCB, MB-132
X01	X-3715-361-1	o	PLATE ASSY, SHIELD, CARD PC BOARD
X02	X-3715-362-1	o	PLATE ASSY, SHIELD, AT
201	2-379-609-01	o	CLAMP, CORD
301	3-153-721-01	o	CATCHER, BALL
302	3-673-249-11	o	LEVER, PC BOARD
303	3-715-721-01	o	LABEL (2), SERIAL NUMBER (AA-29)
	3-715-721-11	o	LABEL (2), SERIAL NUMBER (VA-45)
	3-715-721-21	o	LABEL (2), SERIAL NUMBER (PG-13)
	3-715-721-31	o	LABEL (2), SERIAL NUMBER (IF-139)
	3-715-721-41	o	LABEL (2), SERIAL NUMBER (AU-86)
	3-715-721-51	o	LABEL (2), SERIAL NUMBER (AE-06)
	3-715-721-61	o	LABEL (2), SERIAL NUMBER (VE-12)
	3-715-721-71	o	LABEL (2), SERIAL NUMBER (IE-17)
	3-715-721-81	o	LABEL (2), SERIAL NUMBER (TG-28)
	3-715-721-91	o	LABEL (2), SERIAL NUMBER (AN-01)
	3-715-724-01	o	LABEL (2), SERIAL NUMBER (AP-14)
	3-715-724-11	o	LABEL (2), SERIAL NUMBER (VN-01)
	3-715-724-21	o	LABEL (2), SERIAL NUMBER (FM-09)
	3-715-724-31	o	LABEL (2), SERIAL NUMBER (CI-01)
	3-715-724-41	o	LABEL (2), SERIAL NUMBER (SY-70)
304	3-715-754-01	o	LID, AD SHIELD
305	3-715-755-01	o	LID, DA SHIELD
306	3-715-840-01	o	CASE, SHIELD, AT
307	3-716-708-01	o	PLATE, GROUND
308	3-716-710-01	o	SPRING (A), LEAF

(CARD RACK ASSEMBLY, DVPC-1000)

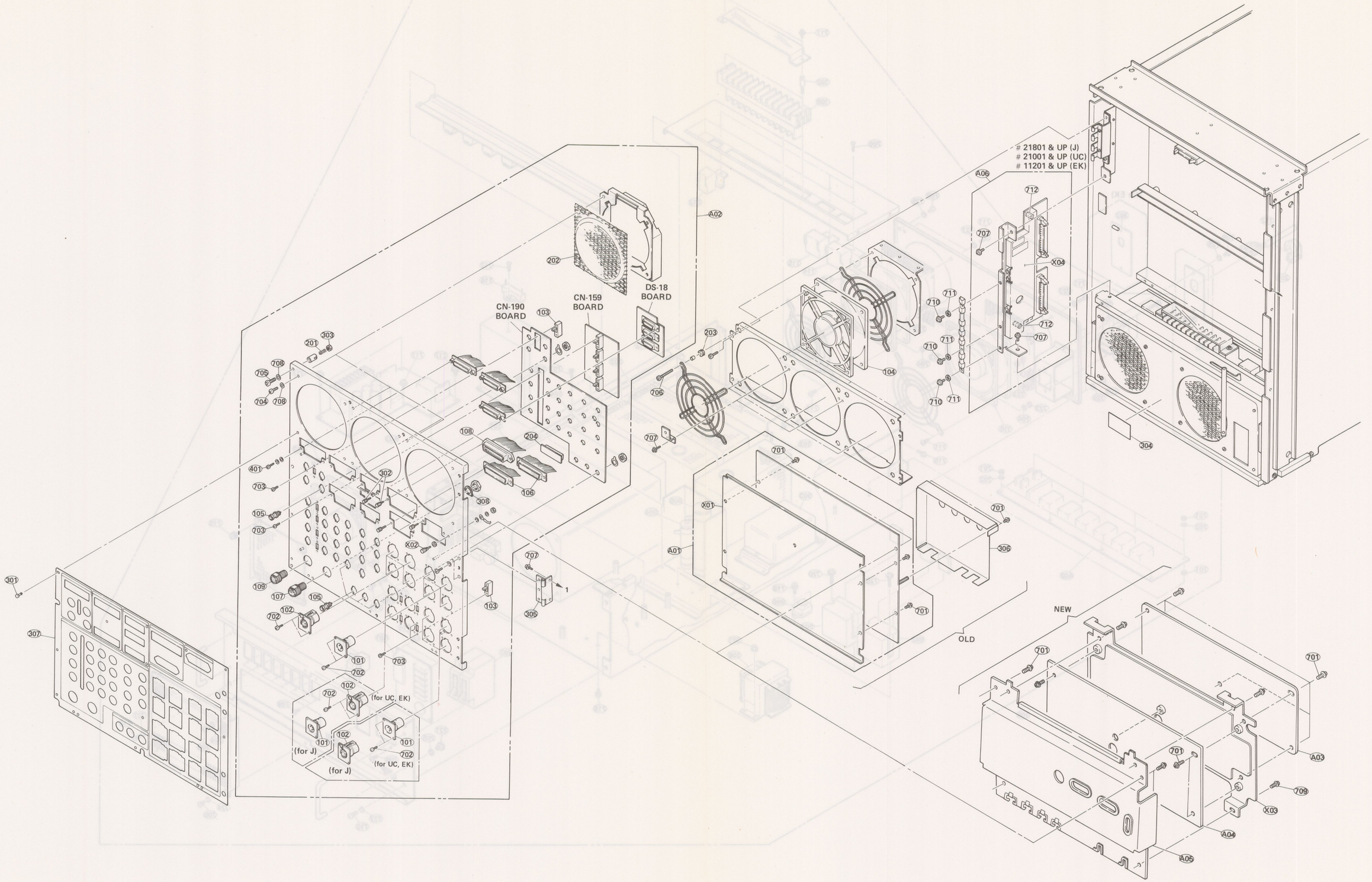
No.	Part No.	SP	Description
309	3-716-711-01	o	RETAINER (B), SPRING
310	3-716-716-01	o	CATCHER, MAGNET
311	3-716-717-01	o	SPRING (B), LEAF, PANEL
312	3-716-718-01	o	RETAINER (A), SPRING
401	4-334-513-00	s	NUT, NYLON
402	4-879-127-00	o	SHAFT (A), FITTING, CASE
701	7-621-759-45	s	SCREW, +PSW 2.6X6
702	7-626-320-11	o	PIN, SPRING, 3X8
703	7-682-248-09	s	SCREW, +K 3X8
704	7-682-903-11	s	SCREW, +PWH 3X6
705	7-682-904-11	s	SCREW, +PWH 4X8
706	7-682-947-01	s	SCREW, +PSW 3X6
707	7-682-948-01	s	SCREW, +PSW 3X8
708	7-688-003-12	s	W 3, MIDDLE

REAR PANEL ASSEMBLY, DVPC-1000

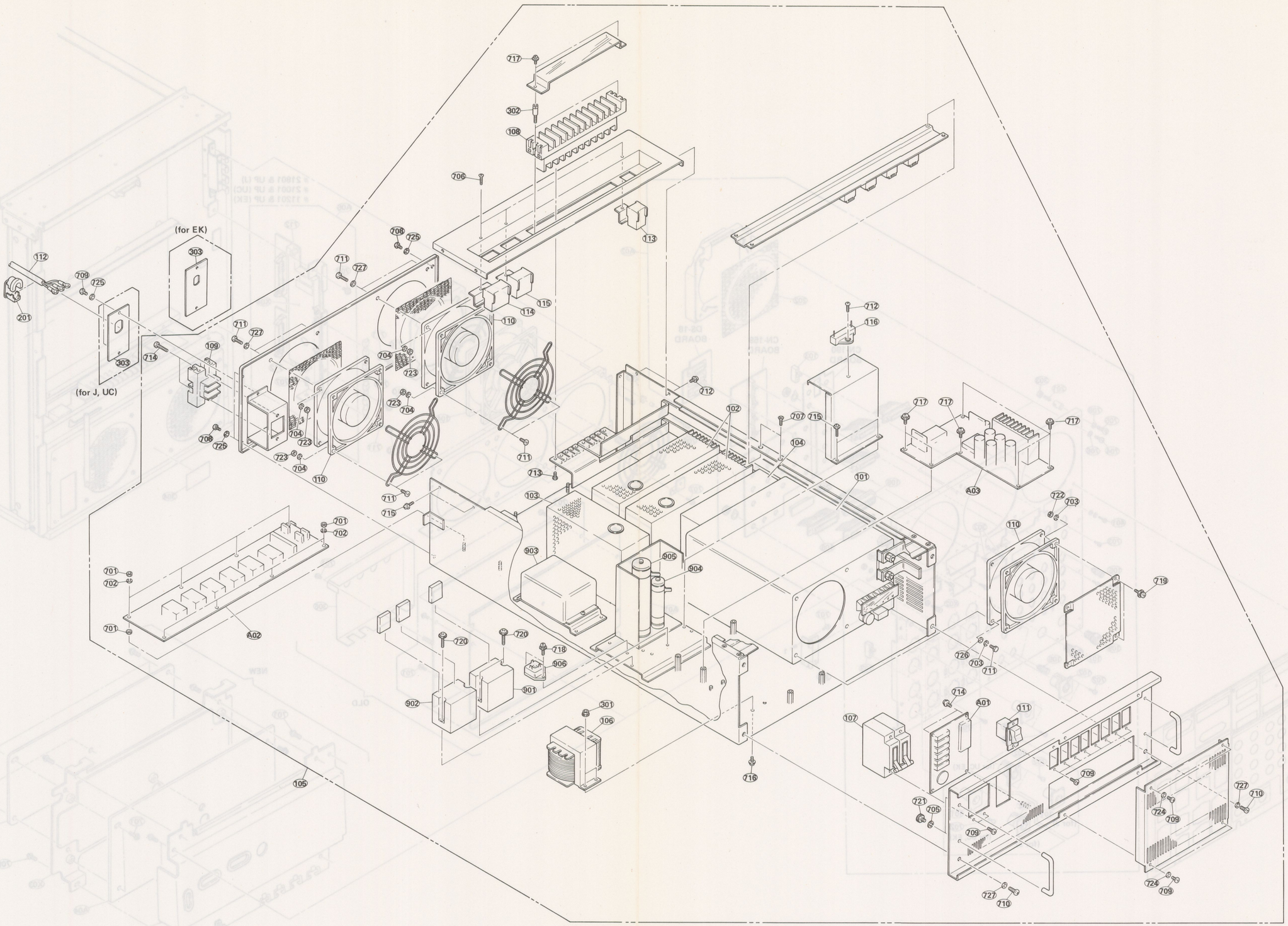
No.	Part No.	SP	Description
A01	A-6011-113-A	o	COMPLETE PCB, IV-14 (UP TO #11199 (J) / UP TO #10920 (UC) / UP TO #11015 (EK))
A02	A-6032-068-A	o	PANEL (1) ASSY, REAR (for UC, EK)
	A-6032-074-A	o	PANEL (1) ASSY, REAR (for J)
A03	A-6011-121-A	o	COMPLETE PCB, IV-20 (#11201 AND HIGHER (J) / #10921 AND HIGHER (UC) / #11016 AND HIGHER (EK))
A04	A-6011-122-A	o	COMPLETE PCB, IV-21 (#11201 AND HIGHER (J) / #10921 AND HIGHER (UC) / #11016 AND HIGHER (EK))
A05	A-6030-125-A	o	CASE ASSY, SHIELD, IV PC BOARD (#11201 AND HIGHER (J) / #10921 AND HIGHER (UC) / #11016 AND HIGHER (EK))
A06	A-6021-011-A	o	COMPLETE PCB, SP-10
X01	X-3715-369-1	o	PLATE ASSY, SHIELD, IV-14 (UP TO #11199 (J) / UP TO #10920 (UC) / UP TO #11015 (EK))
X02	X-4854-207-0	s	TERMINAL ASSY, GROUND
X03	X-3715-490-1	o	PLATE ASSY, SHIELD, IV PC BOARD (#11201 AND HIGHER (J) / #10921 AND HIGHER (UC) / #11016 AND HIGHER (EK))
X04	X-3715-512-1	o	CASE ASSY, SHIELD, SP
101	1-509-176-51	s	RECEP, XLR 3P, MALE
102	1-509-184-51	s	RECEP, XLR 3P, FEMALE
103	1-514-524-00	s	SWITCH, SLIDE
104	1-541-337-21	s	FAN, DC12V
105	1-561-781-21	s	RECEP, BNC, FEMALE
106	1-562-055-11	o	CONNECTOR, 24P, GP-IB
107	1-562-160-00	s	RECEP, ROUND 12P, FEMALE
108	1-563-819-11	s	RECEP, D-SUB 50P, FEMALE
109	1-564-407-11	s	RECEP, ROUND 12P, MALE
201	2-083-308-00	s	SPRING
202	2-369-812-11	o	COVER, FUN
203	2-390-741-00	o	BUSHING, RUBBER
204	2-990-028-01	o	CAP, DUST
301	3-531-576-01	s	RIVET
302	3-673-910-21	o	SCREW, CONNECTOR
303	3-680-316-11	o	NUT (M4), STOPPER
304	3-703-043-51	s	LABEL, CAUTION, MAIN
305	3-715-517-01	o	HINGE, PARALLEL
306	3-715-750-01	o	CASE, SHIELD, IV AUDIO UP TO #11199 (J) UP TO #10920 (UC) UP TO #11015 (EK)
307	3-715-844-01	o	LABEL, REAR PANEL
308	3-688-199-02	o	LUG (12P), PLATE
401	3-722-732-01	s	SCREW, SLIDE LOCK
701	7-621-759-45	s	SCREW, +PSW 2.6X6
702	7-621-770-67	s	SCREW, +B 2.6X6
703	7-621-775-10	s	SCREW, +B 2.6X4
704	7-682-561-09	s	SCREW, +B 4X8
705	7-682-567-09	s	SCREW, +B 4X25
706	7-682-572-09	s	SCREW, +B 4X50
707	7-682-903-11	s	SCREW, +PWH 3X6
708	7-688-004-12	s	W 4, MIDDLE
709	7-682-147-09	s	SCREW, +PSW 3X6
710	7-621-755-01	s	SCREW, +B 2.6X5
711	7-688-002-03	s	W 2.6
712	2-270-601-00	s	SUPPORT

REAR PANEL ASS' Y

REAR PANEL ASS' Y



POWER ASS' Y


(for EK)
(for J, UC)
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201
303
714
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114
110
704
723
712
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102
707
715
104
101
A03
722
703
719
713
103
903
905
904
701
702
A02
720
718
906
901
902
301
106
105
726
A01
111
107
121
705
724
710

POWER ASSEMBLY, DVPC-1000

No.	Part No.	SP	Description
A01	A-6025-111-A	o	COMPLETE PCB, LE-51
A02	A-6026-077-A	o	MOUNTED PCB, TX-12
A03	A-6263-074-A	o	COMPLETE PCB, AC-69
101	⚠1-413-278-12	s	REGULATOR, SWITCHING 5V/1KW
102	⚠1-413-279-12	s	REGULATOR, SWITCHING 18V/100W
103	⚠1-413-280-12	s	REGULATOR, SWITCHING 12V/60W
104	⚠1-413-281-12	s	REGULATOR, SWITCHING 5V/60W
105	1-413-285-13	o	POWER UNIT
106	⚠1-448-387-13	s	TRANSFORMER, POWER
107	⚠1-532-622-00	s	CIRCUIT BREAKER
108	1-536-876-11	o	TERMINAL BOARD, FEED-THROUGH
109	⚠1-537-060-11	o	TERMINAL BOARD, FEED-THROUGH
110	1-541-203-00	s	FUN, DC12V
111	⚠1-552-060-00	s	SWITCH, ROCKER
112	⚠1-556-371-31	s	CORD, POWER (for EK)
	⚠1-559-132-11	s	CORD, POWER (for J, UC)
113	1-561-086-00	o	HOUSING, 9P
114	1-561-087-00	o	HOUSING, 15P
115	1-566-359-11	o	HOUSING, 12P
116	⚠1-570-258-32	s	SWITCH, THERMAL 70°C
201	⚠2-066-942-00	s	BUSHING (for J, UC)
	⚠3-673-298-00	s	STOPPER, CORD (for EK)
301	3-668-729-01	o	NUT, M3
302	3-685-314-02	o	SCREW, TERMINAL BOARD
303	3-715-884-01	s	BRACKET, BUSHING (for J, UC)
	3-715-885-01	s	BRACKET, BUSHING (for EK)
701	7-622-207-05	s	NUT 2.6, TYPE2
702	7-623-207-22	s	SW 2.6
703	7-623-208-22	s	SW 3
704	7-623-210-22	s	SW 4, TYPE2
705	7-623-212-22	s	SW 5
706	7-682-247-09	s	SCREW, +K 3X6
707	7-682-248-09	s	SCREW, +K 3X8
708	7-682-546-09	s	SCREW, +B 3X5
709	7-682-547-09	s	SCREW, +B 3X6
710	7-682-561-09	s	SCREW, +B 4X8
711	7-682-565-09	s	SCREW, +B 4X16

(POWER ASSEMBLY, DVPC-1000)

No.	Part No.	SP	Description
712	7-682-648-09	s	SCREW, +PS 3X8
713	7-682-661-01	s	SCREW, +PS 4X8
714	7-682-664-01	s	SCREW, +PS 4X14
715	7-682-903-11	s	SCREW, +PWH 3X6
716	7-682-903-21	s	SCREW, +PWH 3X8
717	7-682-947-01	s	SCREW, +PSW 3X6
718	7-682-948-01	s	SCREW, +PSW 3X8
719	7-682-950-01	s	SCREW, +PSW 3X12
720	7-682-961-01	s	SCREW, +PSW 4X8
721	7-683-436-04	s	SCREW, C 5X12
722	7-684-023-04	s	NUT 3, TYPE2
723	7-684-024-04	s	NUT 4, TYPE2
724	7-688-003-02	s	W 3, SMALL
725	7-688-003-12	s	W 3, MIDDLE
726	7-688-003-11	s	W 3, MIDDLE
727	7-688-004-02	s	W 4, SMALL
901	⚠9-984-738-01	s	RELAY, DC12 V
902	⚠9-984-739-01	s	RELAY, DC12 V
903	⚠9-988-385-01	s	FILTER, LINE
904	⚠9-988-386-01	s	RES, WIREWOUND 10/15W
905	⚠9-988-387-01	s	RES, WIREWOUND 30/60W
906	⚠9-988-388-01	s	TRIAC

NONPOLAR CAPACITOR

Replacements for nonpolar capacitors not given in board parts lists are shown in the following list.
If a capacitor with the desired working voltage is not found, choose one of a higher working voltage.

Part No.	SP	Description
1-107-019-00	s	CAP, MICA 1.0pF ±0.5pF 500V
1-107-039-00	s	CAP, MICA 1.2pF ±0.5pF 500V
1-107-040-00	s	CAP, MICA 1.5pF ±0.5pF 500V
1-107-041-00	s	CAP, MICA 1.8pF ±0.5pF 500V
1-107-042-00	s	CAP, MICA 2.2pF ±0.5pF 500V
1-107-043-00	s	CAP, MICA 2.7pF ±0.5pF 500V
1-107-044-00	s	CAP, MICA 3.3pF ±0.5pF 500V
1-107-045-00	s	CAP, MICA 3.9pF ±0.5pF 500V
1-107-046-00	s	CAP, MICA 4.7pF ±0.5pF 500V
1-107-026-00	s	CAP, MICA 5.1pF ±0.5pF 500V
1-107-047-00	s	CAP, MICA 5.6pF ±0.5pF 500V
1-107-048-00	s	CAP, MICA 6.8pF ±0.5pF 500V
1-107-049-00	s	CAP, MICA 8.2pF ±0.5pF 500V
1-107-202-00	s	CAP, MICA 10pF 5% 500V
1-107-203-00	s	CAP, MICA 11pF 5% 500V
1-107-204-00	s	CAP, MICA 12pF 5% 500V
1-107-205-00	s	CAP, MICA 13pF 5% 500V
1-107-206-00	s	CAP, MICA 15pF 5% 500V
1-107-207-00	s	CAP, MICA 16pF 5% 500V
1-107-208-00	s	CAP, MICA 18pF 5% 500V
1-107-209-00	s	CAP, MICA 20pF 5% 500V
1-107-210-00	s	CAP, MICA 22pF 5% 500V
1-107-211-00	s	CAP, MICA 24pF 5% 500V
1-107-157-00	s	CAP, MICA 27pF 5% 500V
1-107-158-00	s	CAP, MICA 30pF 5% 500V
1-107-159-00	s	CAP, MICA 33pF 5% 500V
1-107-074-00	s	CAP, MICA 36pF 5% 50V
1-107-075-00	s	CAP, MICA 39pF 5% 50V
1-107-076-00	s	CAP, MICA 43pF 5% 50V
1-107-077-00	s	CAP, MICA 47pF 5% 50V
1-107-164-00	s	CAP, MICA 51pF 5% 500V
1-107-165-00	s	CAP, MICA 56pF 5% 500V
1-107-166-00	s	CAP, MICA 62pF 5% 500V
1-107-036-00	s	CAP, MICA 68pF 5% 500V
1-107-167-00	s	CAP, MICA 75pF 5% 500V
1-107-083-00	s	CAP, MICA 82pF 5% 50V
1-107-084-00	s	CAP, MICA 91pF 5% 50V
1-107-085-00	s	CAP, MICA 100pF 5% 50V
1-107-086-00	s	CAP, MICA 110pF 5% 50V
1-107-087-00	s	CAP, MICA 120pF 5% 50V
1-109-538-00	s	CAP, MICA 130pF 5% 100V
1-109-539-00	s	CAP, MICA 150pF 5% 100V
1-107-090-00	s	CAP, MICA 160pF 5% 50V
1-109-540-00	s	CAP, MICA 180pF 5% 100V
1-109-541-00	s	CAP, MICA 200pF 5% 100V
1-109-542-00	s	CAP, MICA 220pF 5% 100V
1-109-545-00	s	CAP, MICA 270pF 5% 100V
1-109-547-00	s	CAP, MICA 330pF 5% 100V
1-109-549-00	s	CAP, MICA 390pF 5% 100V
1-109-633-00	s	CAP, MICA 470pF 2% 500V
1-109-555-00	s	CAP, MICA 560pF 5% 100V
1-109-635-00	s	CAP, MICA 680pF 2% 500V
1-162-765-11	s	CAP, CERAMIC 0.001 5% 50V
1-162-769-11	s	CAP, CERAMIC 0.0022 5% 50V
1-162-777-11	s	CAP, CERAMIC 0.01 5% 50V
1-162-781-11	s	CAP, CERAMIC 0.022 5% 50V
1-161-891-11	s	CAP, CERAMIC 0.033 50V
1-161-892-11	s	CAP, CERAMIC 0.047 50V
1-161-893-11	s	CAP, CERAMIC 0.068 50V
1-161-485-00	s	CAP, CERAMIC 0.150V
1-161-895-11	s	CAP, CERAMIC 0.15 50V
1-161-896-11	s	CAP, CERAMIC 0.22 50V
1-161-897-11	s	CAP, CERAMIC 0.33 50V
1-161-898-11	s	CAP, CERAMIC 0.47 50V
1-161-899-11	s	CAP, CERAMIC 0.68 50V
1-161-900-11	s	CAP, CERAMIC 1.050V

ELECTROLYTIC CAPACITOR

Replacements for electrolytic capacitors not given in board parts lists are shown in the following list.
If a capacitor with the desired working voltage is not found, choose one of a higher working voltage.

Part No.	SP	Description
1-124-902-00	s	CAP, ELECT 0.47 20% 50V
1-124-791-11	s	CAP, ELECT 1.0 20% 100V
1-124-925-11	s	CAP, ELECT 2.2 20% 100V
1-123-382-00	s	CAP, ELECT 3.3 20% 100V
1-124-927-00	s	CAP, ELECT 4.7 20% 100V
1-123-875-91	s	CAP, ELECT 10 20% 50V
1-124-908-11	s	CAP, ELECT 22 20% 50V
1-124-963-11	s	CAP, ELECT 33 20% 16V
1-124-482-11	s	CAP, ELECT 33 20% 35V
1-124-917-11	s	CAP, ELECT 33 20% 63V
1-124-446-11	s	CAP, ELECT 47 20% 10V
1-124-477-11	s	CAP, ELECT 47 20% 25V
1-124-910-11	s	CAP, ELECT 47 20% 50V
1-124-443-00	s	CAP, ELECT 100 20% 10V
1-126-101-11	s	CAP, ELECT 100 20% 16V
1-124-478-11	s	CAP, ELECT 100 20% 25V
1-124-122-11	s	CAP, ELECT 100 20% 50V
1-124-444-00	s	CAP, ELECT 220 20% 10V
1-124-120-11	s	CAP, ELECT 220 20% 25V
1-124-484-11	s	CAP, ELECT 220 20% 35V
1-124-911-11	s	CAP, ELECT 220 20% 50V
1-124-442-00	s	CAP, ELECT 330 20% 6.3V
1-124-604-00	s	CAP, ELECT 330 20% 10V
1-124-119-00	s	CAP, ELECT 330 0% 16V
1-124-479-11	s	CAP, ELECT 330 20% 25V
1-124-485-11	s	CAP, ELECT 330 20% 35V
1-124-912-11	s	CAP, ELECT 330 20% 50V
1-124-472-11	s	CAP, ELECT 470 20% 10V
1-124-475-11	s	CAP, ELECT 470 20% 16V
1-124-480-11	s	CAP, ELECT 470 20% 25V
1-126-104-11	s	CAP, ELECT 470 20% 35V
1-124-913-11	s	CAP, ELECT 470 20% 50V

RESISTOR

Replacements for resistors not given in board parts lists are shown in the following list.

Part No.	SP	Description
1-215-373-31	s	RES, METAL 10 1% 1/6W
1-215-374-00	s	RES, METAL 11 1% 1/6W
1-215-375-00	s	RES, METAL 12 1% 1/6W
1-215-376-00	s	RES, METAL 13 1% 1/6W
1-215-377-00	s	RES, METAL 15 1% 1/6W
1-215-378-00	s	RES, METAL 16 1% 1/6W
1-215-379-00	s	RES, METAL 18 1% 1/6W
1-215-380-00	s	RES, METAL 20 1% 1/6W
1-215-381-00	s	RES, METAL 22 1% 1/6W
1-215-382-00	s	RES, METAL 24 1% 1/6W
1-215-383-00	s	RES, METAL 27 1% 1/6W
1-215-384-00	s	RES, METAL 30 1% 1/6W
1-215-385-00	s	RES, METAL 33 1% 1/6W
1-215-386-00	s	RES, METAL 36 1% 1/6W
1-215-387-00	s	RES, METAL 39 1% 1/6W
1-215-388-00	s	RES, METAL 43 1% 1/6W
1-215-389-00	s	RES, METAL 47 1% 1/6W
1-215-390-00	s	RES, METAL 51 1% 1/6W
1-215-391-00	s	RES, METAL 56 1% 1/6W
1-215-392-00	s	RES, METAL 62 1% 1/6W
1-215-393-00	s	RES, METAL 68 1% 1/6W
1-215-394-00	s	RES, METAL 75 1% 1/6W
1-215-395-00	s	RES, METAL 82 1% 1/6W
1-215-396-00	s	RES, METAL 91 1% 1/6W
1-215-397-00	s	RES, METAL 100 1% 1/6W
1-215-398-00	s	RES, METAL 110 1% 1/6W
1-215-399-00	s	RES, METAL 120 1% 1/6W
1-215-400-00	s	RES, METAL 130 1% 1/6W
1-215-401-00	s	RES, METAL 150 1% 1/6W
1-215-402-00	s	RES, METAL 160 1% 1/6W
1-215-403-00	s	RES, METAL 180 1% 1/6W
1-215-404-00	s	RES, METAL 200 1% 1/6W
1-215-405-00	s	RES, METAL 220 1% 1/6W
1-215-406-00	s	RES, METAL 240 1% 1/6W
1-215-407-00	s	RES, METAL 270 1% 1/6W
1-215-408-00	s	RES, METAL 300 1% 1/6W
1-215-409-00	s	RES, METAL 330 1% 1/6W
1-215-410-00	s	RES, METAL 360 1% 1/6W
1-215-411-00	s	RES, METAL 390 1% 1/6W
1-215-412-00	s	RES, METAL 430 1% 1/6W
1-215-413-00	s	RES, METAL 470 1% 1/6W
1-215-414-00	s	RES, METAL 510 1% 1/6W
1-215-415-00	s	RES, METAL 560 1% 1/6W
1-215-416-00	s	RES, METAL 620 1% 1/6W
1-215-417-00	s	RES, METAL 680 1% 1/6W
1-215-418-00	s	RES, METAL 750 1% 1/6W
1-215-419-00	s	RES, METAL 820 1% 1/6W
1-215-420-00	s	RES, METAL 910 1% 1/6W
1-215-421-00	s	RES, METAL 1.0k 1% 1/6W
1-215-422-00	s	RES, METAL 1.1k 1% 1/6W
1-215-423-00	s	RES, METAL 1.2k 1% 1/6W
1-215-424-00	s	RES, METAL 1.3k 1% 1/6W
1-215-425-00	s	RES, METAL 1.5k 1% 1/6W
1-215-426-00	s	RES, METAL 1.6k 1% 1/6W
1-215-427-00	s	RES, METAL 1.8k 1% 1/6W
1-215-428-00	s	RES, METAL 2.0k 1% 1/6W
1-215-429-00	s	RES, METAL 2.2k 1% 1/6W
1-215-430-00	s	RES, METAL 2.4k 1% 1/6W
1-215-431-00	s	RES, METAL 2.7k 1% 1/6W
1-215-432-00	s	RES, METAL 3.0k 1% 1/6W
1-215-433-00	s	RES, METAL 3.3k 1% 1/6W
1-215-434-00	s	RES, METAL 3.6k 1% 1/6W
1-215-435-00	s	RES, METAL 3.9k 1% 1/6W
1-215-436-00	s	RES, METAL 4.3k 1% 1/6W
1-215-437-00	s	RES, METAL 4.7k 1% 1/6W

(RESISTOR)

Replacements for resistors not given in board parts lists are shown in the following list.

Part No.	SP	Description
1-215-438-00	s	RES, METAL 5.1k 1% 1/6W
1-215-439-00	s	RES, METAL 5.6k 1% 1/6W
1-215-440-00	s	RES, METAL 6.2k 1% 1/6W
1-215-441-00	s	RES, METAL 6.8k 1% 1/6W
1-215-442-00	s	RES, METAL 7.5k 1% 1/6W
1-215-443-00	s	RES, METAL 8.2k 1% 1/6W
1-215-444-00	s	RES, METAL 9.1k 1% 1/6W
1-215-445-00	s	RES, METAL 10k 1% 1/6W
1-215-446-00	s	RES, METAL 11k 1% 1/6W
1-215-447-00	s	RES, METAL 12k 1% 1/6W
1-215-448-00	s	RES, METAL 13k 1% 1/6W
1-215-449-00	s	RES, METAL 15k 1% 1/6W
1-215-450-00	s	RES, METAL 16k 1% 1/6W
1-215-451-00	s	RES, METAL 18k 1% 1/6W
1-215-452-00	s	RES, METAL 20k 1% 1/6W
1-215-453-00	s	RES, METAL 22k 1% 1/6W
1-215-454-00	s	RES, METAL 24k 1% 1/6W
1-215-455-00	s	RES, METAL 27k 1% 1/6W
1-215-456-00	s	RES, METAL 30k 1% 1/6W
1-215-457-00	s	RES, METAL 33k 1% 1/6W
1-215-458-00	s	RES, METAL 36k 1% 1/6W
1-215-459-00	s	RES, METAL 39k 1% 1/6W
1-215-460-00	s	RES, METAL 43k 1% 1/6W
1-215-461-00	s	RES, METAL 47k 1% 1/6W
1-215-462-00	s	RES, METAL 51k 1% 1/6W
1-215-463-00	s	RES, METAL 56k 1% 1/6W
1-215-464-00	s	RES, METAL 62k 1% 1/6W
1-215-465-00	s	RES, METAL 68k 1% 1/6W
1-215-466-00	s	RES, METAL 75k 1% 1/6W
1-215-467-00	s	RES, METAL 82k 1% 1/6W
1-215-468-00	s	RES, METAL 91k 1% 1/6W
1-215-469-00	s	RES, METAL 100k 1% 1/6W
1-215-470-00	s	RES, METAL 110k 1% 1/6W
1-215-471-00	s	RES, METAL 120k 1% 1/6W
1-215-472-00	s	RES, METAL 130k 1% 1/6W
1-215-473-00	s	RES, METAL 150k 1% 1/6W
1-215-474-00	s	RES, METAL 160k 1% 1/6W
1-215-475-00	s	RES, METAL 180k 1% 1/6W
1-215-476-00	s	RES, METAL 200k 1% 1/6W
1-215-477-00	s	RES, METAL 220k 1% 1/6W
1-215-478-00	s	RES, METAL 240k 1% 1/6W
1-215-479-00	s	RES, METAL 270k 1% 1/6W
1-215-480-00	s	RES, METAL 300k 1% 1/6W
1-215-481-00	s	RES, METAL 330k 1% 1/6W
1-215-482-00	s	RES, METAL 360k 1% 1/6W
1-215-483-00	s	RES, METAL 390k 1% 1/6W
1-215-484-00	s	RES, METAL 430k 1% 1/6W
1-215-485-00	s	RES, METAL 470k 1% 1/6W
1-215-486-00	s	RES, METAL 510k 1% 1/6W
1-215-487-00	s	RES, METAL 560k 1% 1/6W
1-215-488-00	s	RES, METAL 620k 1% 1/6W
1-215-489-00	s	RES, METAL 680k 1% 1/6W
1-215-490-00	s	RES, METAL 750k 1% 1/6W
1-215-491-00	s	RES, METAL 820k 1% 1/6W
1-215-492-00	s	RES, METAL 910k 1% 1/6W
1-215-493-00	s	RES, METAL 1.0M 1% 1/6W

AA-29 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-001-A	o	COMPLETE PCB, AA-29
(This assembly includes the following parts.)			
1pc	3-715-721-01	o	LABEL (2), SERIAL NUMBER
1pc	3-715-754-01	o	LID, AD SHIELD
1pc	3-715-755-01	o	LID, DA SHIELD
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW 2.6X6
22pcs	7-682-647-09	s	SCREW, +PS 3X6
C1	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C2	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C4	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C6	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C11	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C13	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C15	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C17	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C191	-124-944-11	s	CAP, ELECT 82uF 20% 25V
C21	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C23	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C25	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C27	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C29	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C31	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C33	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C35	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C37	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C39	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C41	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C44	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C46	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C47	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C49	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C51	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C53	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C55	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C57	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C59	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C61	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C70	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C86	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C87	1-124-518-11	s	CAP, ELECT 470uF 20% 6.3V
C89	1-124-518-11	s	CAP, ELECT 470uF 20% 6.3V
C90	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C92	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C93	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C96	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C97	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C100	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C101	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C102	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C103	1-124-327-00	s	CAP, ELECT, NONPOLAR 15uF 20% 50V
C104	1-124-327-00	s	CAP, ELECT, NONPOLAR 15uF 20% 50V
C106	1-130-736-11	s	CAP, PP FILM 0.01uF 1% 100V
C107	1-109-626-00	s	CAP, MICA 100PF 2% 100V
C108	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C109	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C110	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C111	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C112	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C113	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C114	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C115	1-131-374-00	s	CAP, TANT 33uF 10% 16V
C116	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C117	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C118	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C119	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C120	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C121	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C122	1-124-944-11	s	CAP, ELECT 82uF 20% 25V

(AA-29 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
C123	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C124	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C125	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C126	1-104-302-11	s	CAP, STYROL 0.001uF 5% 50V
C128	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C130	1-131-373-00	s	CAP, TANT 22uF 10% 16V
C131	1-131-373-00	s	CAP, TANT 22uF 10% 16V
C134	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C137	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C139	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C141	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C142	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C201	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C202	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C203	1-124-327-00	s	CAP, ELECT, NONPOLAR 15uF 20% 50V
C204	1-124-327-00	s	CAP, ELECT, NONPOLAR 15uF 20% 50V
C206	1-130-736-11	s	CAP, PP FILM 0.01uF 1% 100V
C207	1-109-626-00	s	CAP, MICA 100PF 2% 100V
C208	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C209	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C210	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C211	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C212	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C213	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C214	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C215	1-131-374-00	s	CAP, TANT 33uF 10% 16V
C216	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C217	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C218	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C219	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C220	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C221	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C222	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C223	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C224	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C225	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C226	1-104-302-11	s	CAP, STYROL 0.001uF 5% 50V
C228	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C230	1-131-373-00	s	CAP, TANT 22uF 10% 16V
C231	1-131-373-00	s	CAP, TANT 22uF 10% 16V
C234	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C237	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C239	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C241	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C242	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C301	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C302	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C303	1-124-327-00	s	CAP, ELECT, NONPOLAR 15uF 20% 50V
C304	1-124-327-00	s	CAP, ELECT, NONPOLAR 15uF 20% 50V
C306	1-130-736-11	s	CAP, PP FILM 0.01uF 1% 100V
C307	1-109-626-00	s	CAP, MICA 100PF 2% 100V
C308	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C309	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C310	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C311	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C312	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C313	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C314	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C315	1-131-374-00	s	CAP, TANT 33uF 10% 16V
C316	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C317	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C318	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C319	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C320	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C321	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C322	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C323	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C324	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C325	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C326	1-104-302-11	s	CAP, STYROL 0.001uF 5% 50V

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AA-29 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
C328	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C330	1-131-373-00	s	CAP, TANT 22uF 10% 16V
C331	1-131-373-00	s	CAP, TANT 22uF 10% 16V
C334	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C337	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C339	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C341	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C342	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C401	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C402	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C403	1-124-327-00	s	CAP, ELECT, NONPOLAR 15uF 20% 50V
C404	1-124-327-00	s	CAP, ELECT, NONPOLAR 15uF 20% 50V
C406	1-130-736-11	s	CAP, PP FILM 0.01uF 1% 100V
C407	1-109-626-00	s	CAP, MICA 100PF 2% 100V
C408	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C409	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C410	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C411	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C412	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C413	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C414	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C415	1-131-374-00	s	CAP, TANT 33uF 10% 16V
C416	1-162-176-00	s	CAP, CERAMIC 1.5uF 25V
C417	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C418	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C419	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C420	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C421	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C422	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C423	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C424	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C425	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C426	1-104-302-11	s	CAP, STYROL 0.001uF 5% 50V
C428	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C430	1-131-373-00	s	CAP, TANT 22uF 10% 16V
C431	1-131-373-00	s	CAP, TANT 22uF 10% 16V
C434	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C437	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C439	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C441	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C442	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C501	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C502	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C506	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C507	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C508	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C511	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C512	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C513	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C514	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C515	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C516	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C520	1-130-736-11	s	CAP, PP FILM 0.01uF 1% 100V
C521	1-130-728-00	s	CAP, PP FILM 0.0022uF 1% 100V
C522	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C523	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C524	1-103-721-00	s	CAP, STYROL 680PF 5% 50V
C601	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C602	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C606	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C606	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C607	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C608	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C611	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C612	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C613	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C614	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C615	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C616	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C620	1-130-736-11	s	CAP, PP FILM 0.01uF 1% 100V

(AA-29 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
C621	1-130-728-00	s	CAP, PP FILM 0.0022uF 1% 100V
C622	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C623	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C624	1-103-721-00	s	CAP, STYROL 680PF 5% 50V
C701	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C702	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C706	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C707	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C708	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C711	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C712	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C713	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C714	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C715	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C716	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C720	1-130-736-11	s	CAP, PP FILM 0.01uF 1% 100V
C721	1-130-728-00	s	CAP, PP FILM 0.0022uF 1% 100V
C722	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C723	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C724	1-103-721-00	s	CAP, STYROL 680PF 5% 50V
C801	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C802	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C806	1-124-587-11	s	CAP, ELECT 220uF 20% 6.3V
C807	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C808	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C811	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C812	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C813	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C814	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C815	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C816	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C820	1-130-736-11	s	CAP, PP FILM 0.01uF 1% 100V
C821	1-130-728-00	s	CAP, PP FILM 0.0022uF 1% 100V
C822	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C823	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C824	1-103-721-00	s	CAP, STYROL 680PF 5% 50V
C901	1-124-565-00	s	CAP, ELECT 56uF 20% 6.3V
C904	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C905	1-124-565-00	s	CAP, ELECT 56uF 20% 6.3V
C908	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C909	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C912	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
C913	1-124-598-11	s	CAP, ELECT 22uF 20% 25V
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN111	1-566-385-11	s	PIN, CONNECTOR 2P
CN112	1-566-385-11	s	PIN, CONNECTOR 2P
CN211	1-566-385-11	s	PIN, CONNECTOR 2P
CN212	1-566-385-11	s	PIN, CONNECTOR 2P
CN311	1-566-385-11	s	PIN, CONNECTOR 2P
CN312	1-566-385-11	s	PIN, CONNECTOR 2P
CN411	1-566-385-11	s	PIN, CONNECTOR 2P
CN412	1-566-385-11	s	PIN, CONNECTOR 2P
D101	8-719-815-55	s	DIODE 1S1555
D102	8-719-123-78	s	DIODE 1SS97-2
D103	8-719-815-55	s	DIODE 1S1555
D104	8-719-815-55	s	DIODE 1S1555
D201	8-719-815-55	s	DIODE 1S1555
D202	8-719-123-78	s	DIODE 1SS97-2
D203	8-719-815-55	s	DIODE 1S1555
D204	8-719-815-55	s	DIODE 1S1555
D301	8-719-815-55	s	DIODE 1S1555
D302	8-719-123-78	s	DIODE 1SS97-2
D303	8-719-815-55	s	DIODE 1S1555
D304	8-719-815-55	s	DIODE 1S1555
D401	8-719-815-55	s	DIODE 1S1555
D402	8-719-123-78	s	DIODE 1SS97-2
D403	8-719-815-55	s	DIODE 1S1555
D404	8-719-815-55	s	DIODE 1S1555
D502	8-719-815-55	s	DIODE 1S1555
D602	8-719-815-55	s	DIODE 1S1555
D702	8-719-815-55	s	DIODE 1S1555
D802	8-719-815-55	s	DIODE 1S1555

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AA-29 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
FL101	1-235-535-11	s	FILTER, LOW-PASS 20KHz
FL201	1-235-535-11	s	FILTER, LOW-PASS 20KHz
FL301	1-235-535-11	s	FILTER, LOW-PASS 20KHz
FL401	1-235-535-11	s	FILTER, LOW-PASS 20KHz
FL501	1-235-820-11	s	FILTER, LOW-PASS 30KHz
FL601	1-235-820-11	s	FILTER, LOW-PASS 30KHz
FL701	1-235-820-11	s	FILTER, LOW-PASS 30KHz
FL801	1-235-820-11	s	FILTER, LOW-PASS 30KHz
IC1	8-759-700-65	s	IC NJM79L05A
IC2	8-759-708-05	s	IC NJM78L05A
IC3	8-759-240-51	s	IC TC4051BP
IC4	8-759-240-51	s	IC TC4051BP
IC5	8-759-900-72	s	IC NE5532P
IC6	8-759-202-74	s	IC TC74HC04P
IC7	8-759-000-99	s	IC MC74HC74N
IC8	8-759-202-74	s	IC TC74HC04P
IC9	8-759-000-99	s	IC MC74HC74N
IC10	8-759-179-15	s	IC uPC7915H
IC11	8-759-171-15	s	IC uPC7815H
IC12	8-759-179-15	s	IC uPC7915H
IC13	8-759-171-15	s	IC uPC7815H
IC14	8-759-179-05	s	IC uPC7905H
IC15	8-759-171-05	s	IC uPC7805H
IC16	8-759-179-15	s	IC uPC7915H
IC17	8-759-171-15	s	IC uPC7815H
IC18	8-759-179-15	s	IC uPC7915H
IC19	8-759-171-15	s	IC uPC7815H
IC20	8-759-179-15	s	IC uPC7915H
IC21	8-759-171-15	s	IC uPC7815H
IC22	8-759-002-72	s	IC MC10H116L
IC23	8-759-002-72	s	IC MC10H116L
IC24	8-759-202-55	s	IC TC74HC244P
IC25	8-759-203-43	s	IC TC74HC534P
IC27	8-759-202-74	s	IC TC74HC04P
IC28	8-759-000-99	s	IC MC74HC74N
IC29	8-759-203-43	s	IC TC74HC534P
IC30	8-759-926-32	s	IC AM26LS32PC
IC31	8-759-202-55	s	IC TC74HC244P
IC32	8-759-202-74	s	IC TC74HC04P
IC33	8-759-203-43	s	IC TC74HC534P
IC34	8-759-203-36	s	IC TC74HC374P
IC35	8-759-179-15	s	IC uPC7915H
IC36	8-759-171-15	s	IC uPC7815H
IC37	8-759-179-05	s	IC uPC7905H
IC38	8-759-171-05	s	IC uPC7805H
IC39	8-759-179-15	s	IC uPC7915H
IC40	8-759-171-15	s	IC uPC7815H
IC101	8-759-900-72	s	IC NE5532P
IC102	8-759-900-72	s	IC NE5532P
IC103	8-759-900-72	s	IC NE5532P
IC104	8-759-900-72	s	IC NE5532P
IC105	8-759-918-92	s	IC HA3-2525-5
IC106	8-759-108-96	s	IC uPC811C
IC107	8-759-918-92	s	IC HA3-2525-5
IC108	8-759-909-37	s	IC LM399H
IC109	8-752-001-80	s	IC CX20018
IC110	8-759-105-38	s	IC uPC79M05H
IC201	8-759-900-72	s	IC NE5532P
IC202	8-759-900-72	s	IC NE5532P
IC203	8-759-900-72	s	IC NE5532P
IC204	8-759-900-72	s	IC NE5532P
IC205	8-759-918-92	s	IC HA3-2525-5
IC206	8-759-108-96	s	IC uPC811C
IC207	8-759-918-92	s	IC HA3-2525-5
IC208	8-759-909-37	s	IC LM399H
IC209	8-752-001-80	s	IC CX20018
IC210	8-759-105-38	s	IC uPC79M05H
IC301	8-759-900-72	s	IC NE5532P
IC302	8-759-900-72	s	IC NE5532P

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Ref. No. or Qty	Part No.	SP	Description
IC303	8-759-900-72	s	IC NE5532P
IC304	8-759-900-72	s	IC NE5532P
IC305	8-759-918-92	s	IC HA3-2525-5
IC306	8-759-108-96	s	IC uPC811C
IC307	8-759-918-92	s	IC HA3-2525-5
IC308	8-759-909-37	s	IC LM399H
IC309	8-752-001-80	s	IC CX20018
IC310	8-759-105-38	s	IC uPC79M05H
IC401	8-759-900-72	s	IC NE5532P
IC402	8-759-900-72	s	IC NE5532P
IC403	8-759-900-72	s	IC NE5532P
IC404	8-759-900-72	s	IC NE5532P
IC405	8-759-918-92	s	IC HA3-2525-5
IC406	8-759-108-96	s	IC uPC811C
IC407	8-759-918-92	s	IC HA3-2525-5
IC408	8-759-909-37	s	IC LM399H
IC409	8-752-001-80	s	IC CX20018
IC410	8-759-105-38	s	IC uPC79M05H
IC501	8-759-900-72	s	IC NE5532P
IC502	8-759-203-52	s	IC TC74HC595P
IC503	8-759-203-52	s	IC TC74HC595P
IC504	8-759-202-24	s	IC TC74HC86P
IC505	8-759-923-89	s	IC PCM53KP-V-S
IC506	8-759-108-96	s	IC uPC811C
IC507	8-759-040-53	s	IC MC14053BCP
IC508	8-759-900-72	s	IC NE5532P
IC601	8-759-900-72	s	IC NE5532P
IC602	8-759-203-52	s	IC TC74HC595P
IC603	8-759-203-52	s	IC TC74HC595P
IC604	8-759-202-24	s	IC TC74HC86P
IC605	8-759-923-89	s	IC PCM53KP-V-S
IC606	8-759-108-96	s	IC uPC811C
IC607	8-759-040-53	s	IC MC14053BCP
IC608	8-759-900-72	s	IC NE5532P
IC701	8-759-900-72	s	IC NE5532P
IC702	8-759-203-52	s	IC TC74HC595P
IC703	8-759-203-52	s	IC TC74HC595P
IC704	8-759-202-24	s	IC TC74HC86P
IC705	8-759-923-89	s	IC PCM53KP-V-S
IC706	8-759-108-96	s	IC uPC811C
IC707	8-759-040-53	s	IC MC14053BCP
IC708	8-759-900-72	s	IC NE5532P
IC801	8-759-900-72	s	IC NE5532P
IC802	8-759-203-52	s	IC TC74HC595P
IC803	8-759-203-52	s	IC TC74HC595P
IC804	8-759-202-24	s	IC TC74HC86P
IC805	8-759-923-89	s	IC PCM53KP-V-S
IC806	8-759-108-96	s	IC uPC811C
IC807	8-759-040-53	s	IC MC14053BCP
IC808	8-759-900-72	s	IC NE5532P
JS111	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS211	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS311	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS411	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-408-879-21	s	INDUCTOR, 0.47uH 10%
L6	1-421-370-00	s	COIL, CHOKE
L7	1-421-370-00	s	COIL, CHOKE
LV1	1-410-287-11	s	VAR, INDUCTOR, 2.2uH
PH1	8-719-901-87	s	DIODE HCPL2630
PH2	8-719-901-87	s	DIODE HCPL2630
PH3	8-719-901-87	s	DIODE HCPL2630
PH4	8-719-901-87	s	DIODE HCPL2630
PH5	8-719-901-87	s	DIODE HCPL2630

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AA-29 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
Q1	8-729-801-72	s	TRANSISTOR 2SC2603-E
Q2	8-729-801-72	s	TRANSISTOR 2SC2603-E
Q3	8-729-801-72	s	TRANSISTOR 2SC2603-E
Q4	8-729-801-72	s	TRANSISTOR 2SC2603-E
Q5	8-729-801-72	s	TRANSISTOR 2SC2603-E
Q8	8-729-801-72	s	TRANSISTOR 2SC2603-E
Q10	8-729-801-72	s	TRANSISTOR 2SC2603-E
Q11	8-729-801-72	s	TRANSISTOR 2SC2603-E
Q101	8-729-800-43	s	TRANSISTOR 2SK152-3
Q102	8-729-699-51	s	TRANSISTOR 2SA995
Q201	8-729-800-43	s	TRANSISTOR 2SK152-3
Q202	8-729-699-51	s	TRANSISTOR 2SA995
Q301	8-729-800-43	s	TRANSISTOR 2SK152-3
Q302	8-729-699-51	s	TRANSISTOR 2SA995
Q401	8-729-800-43	s	TRANSISTOR 2SK152-3
Q402	8-729-699-51	s	TRANSISTOR 2SA995
R25	⚠ 1-205-895-11	s	RES, CEMENT 39 10% 5W
R26	⚠ 1-205-895-11	s	RES, CEMENT 39 10% 5W
R42	1-215-401-11	s	RES, METAL 150 1% 1/6W
R88	⚠ 1-205-895-11	s	RES, CEMENT 39 10% 5W
R137	1-210-828-00	s	RES, CARBON 4.7M 5% 1/4W
R237	1-210-828-00	s	RES, CARBON 4.7M 5% 1/4W
R337	1-210-828-00	s	RES, CARBON 4.7M 5% 1/4W
R437	1-210-828-00	s	RES, CARBON 4.7M 5% 1/4W
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RV1	1-230-748-11	s	RES, VAR, CERMET 2K
RV2	1-230-748-11	s	RES, VAR, CERMET 2K
RV3	1-230-748-11	s	RES, VAR, CERMET 2K
RV4	1-230-748-11	s	RES, VAR, CERMET 2K
RV5	1-230-748-11	s	RES, VAR, CERMET 2K
RV6	1-230-748-11	s	RES, VAR, CERMET 2K
RV7	1-230-748-11	s	RES, VAR, CERMET 2K
RV8	1-230-748-11	s	RES, VAR, CERMET 2K
RV101	1-226-369-00	s	RES, VAR, CERMET 5K
RV102	1-230-748-11	s	RES, VAR, CERMET 2K
RV103	1-230-749-11	s	RES, VAR, CERMET 5K
RV104	1-230-750-11	s	RES, VAR, CERMET 10K
RV105	1-230-749-11	s	RES, VAR, CERMET 5K
RV201	1-226-369-00	s	RES, VAR, CERMET 5K
RV202	1-230-748-11	s	RES, VAR, CERMET 2K
RV203	1-230-749-11	s	RES, VAR, CERMET 5K
RV204	1-230-750-11	s	RES, VAR, CERMET 10K
RV205	1-230-749-11	s	RES, VAR, CERMET 5K
RV301	1-226-369-00	s	RES, VAR, CERMET 5K
RV302	1-230-748-11	s	RES, VAR, CERMET 2K
RV303	1-230-749-11	s	RES, VAR, CERMET 5K
RV304	1-230-750-11	s	RES, VAR, CERMET 10K
RV305	1-230-749-11	s	RES, VAR, CERMET 5K
RV401	1-226-369-00	s	RES, VAR, CERMET 5K
RV402	1-230-748-11	s	RES, VAR, CERMET 2K
RV403	1-230-749-11	s	RES, VAR, CERMET 5K
RV404	1-230-750-11	s	RES, VAR, CERMET 10K
RV405	1-230-749-11	s	RES, VAR, CERMET 5K
RV501	1-226-369-00	s	RES, VAR, CERMET 5K
RV502	1-230-748-11	s	RES, VAR, CERMET 2K
RV503	1-230-753-11	s	RES, VAR, CERMET 100K
RV504	1-230-747-11	s	RES, VAR, CERMET 1K
RV601	1-226-369-00	s	RES, VAR, CERMET 5K
RV602	1-230-748-11	s	RES, VAR, CERMET 2K
RV603	1-230-753-11	s	RES, VAR, CERMET 100K
RV604	1-230-747-11	s	RES, VAR, CERMET 1K
RV701	1-226-369-00	s	RES, VAR, CERMET 5K
RV702	1-230-748-11	s	RES, VAR, CERMET 2K
RV703	1-230-753-11	s	RES, VAR, CERMET 100K
RV704	1-230-747-11	s	RES, VAR, CERMET 1K
RV801	1-226-369-00	s	RES, VAR, CERMET 5K
RV802	1-230-748-11	s	RES, VAR, CERMET 2K

(AA-29 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
RV803	1-230-753-11	s	RES, VAR, CERMET 100K
RV804	1-230-747-11	s	RES, VAR, CERMET 1K
RY101	1-515-646-11	s	RELAY, LEED
RY201	1-515-646-11	s	RELAY, LEED
RY301	1-515-646-11	s	RELAY, LEED
RY401	1-515-646-11	s	RELAY, LEED
RY502	1-515-646-11	s	RELAY, LEED
RY602	1-515-646-11	s	RELAY, LEED
RY702	1-515-646-11	s	RELAY, LEED
RY802	1-515-646-11	s	RELAY, LEED
S101	1-554-397-21	s	SWITCH, TOGGLE
S201	1-554-397-21	s	SWITCH, TOGGLE
S301	1-554-397-21	s	SWITCH, TOGGLE
S401	1-554-397-21	s	SWITCH, TOGGLE
S501	1-554-397-21	s	SWITCH, TOGGLE
S601	1-554-397-21	s	SWITCH, TOGGLE
S701	1-554-397-21	s	SWITCH, TOGGLE
S801	1-554-397-21	s	SWITCH, TOGGLE
X1	1-567-659-12	s	CRYSTAL 47.73642000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

AC-69 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6263-063-A	o	COMPLETE PCB, AC-69
(This assembly includes the following parts.)			
1pc	2-832-007-00	s	BUSHING (K), INSULATING
1pc	3-701-754-00	s	PLATE, INSULATING
1pc	7-628-254-10	s	SCREW +PSW 2.6X6
1pc	7-628-254-90	s	SCREW +PSW 2.6X14
C2	1-123-330-00	s	CAP, ELECT 22uF 20% 25V
C3	1-123-330-00	s	CAP, ELECT 22uF 20% 25V
C4	1-131-342-00	s	CAP, TANT 0.15uF 10% 35V
C5	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C6	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C9	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C10	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C11	1-131-355-00	s	CAP, TANT 2.2uF 10% 25V
C12	1-131-355-00	s	CAP, TANT 2.2uF 10% 25V
C13	1-123-350-00	s	CAP, ELECT 2200uF 20% 35V
C14	1-123-350-00	s	CAP, ELECT 2200uF 20% 35V
C15	1-123-350-00	s	CAP, ELECT 2200uF 20% 35V
C16	1-123-350-00	s	CAP, ELECT 2200uF 20% 35V
C17	1-123-350-00	s	CAP, ELECT 2200uF 20% 35V
C18	1-123-350-00	s	CAP, ELECT 2200uF 20% 35V
CN7M ⚠	1-560-723-00	o	RECEP, IL 3P, MALE
CN8M	1-560-303-00	o	RECEP, IL 6P, MALE
CN9M	1-560-304-00	o	RECEP, IL 8P, MALE
CN10M	1-560-301-00	o	RECEP, IL 4P, MALE
CN11M ⚠	1-560-176-00	o	RECEP, 2P, MALE
CN12M	1-560-303-00	o	RECEP, IL 6P, MALE
D1	8-719-100-38	s	DIODE RD6.2E-B2
D2	8-719-100-38	s	DIODE RD6.2E-B2
D3	8-719-100-44	s	DIODE RD7.5E-B2
D4	8-719-100-38	s	DIODE RD6.2E-B2
D5	8-719-200-02	s	DIODE 10E-2
D6	8-719-200-02	s	DIODE 10E-2
D7	8-719-200-02	s	DIODE 10E-2
D8	8-719-100-38	s	DIODE RD6.2E-B2
D9	8-719-100-38	s	DIODE RD6.2E-B2
D10	8-719-912-20	s	DIODE 1SS120
D11	8-719-200-02	s	DIODE 10E-2
D12	8-719-200-02	s	DIODE 10E-2
D13	8-719-912-20	s	DIODE 1SS120
D14	8-719-200-02	s	DIODE 10E-2
D15	8-719-200-02	s	DIODE 10E-2
D16	8-719-200-02	s	DIODE 10E-2
D17	8-719-200-02	s	DIODE 10E-2
D18	8-719-812-41	s	DIODE TLR124
D19	8-719-812-43	s	DIODE TLG124A
IC1	8-759-990-82	s	IC TL082CP
IC2	8-749-901-41	s	IC UFZ01B4A1
IC3	8-759-171-15	s	IC uPC7815H
IC4	8-759-179-15	s	IC uPC7915H
L1	1-421-329-00	s	COIL, CHOKE
L2	1-421-329-00	s	COIL, CHOKE
Q1	8-729-600-27	s	TRANSISTOR 2SC634-SP
Q2	8-729-199-82	s	TRANSISTOR 2SD998
Q3	8-729-600-27	s	TRANSISTOR 2SC634-SP
Q4	8-729-199-82	s	TRANSISTOR 2SD998
Q5	8-729-199-82	s	TRANSISTOR 2SD998
R1	1-214-156-00	s	RES, METAL 10K 1% 1/4W
R2	1-214-159-00	s	RES, METAL 13K 1% 1/4W
R3	1-214-161-00	s	RES, METAL 16K 1% 1/4W
R4	1-214-156-00	s	RES, METAL 10K 1% 1/4W
R5	1-214-132-00	s	RES, METAL 1K 1% 1/4W
R6	1-214-153-00	s	RES, METAL 7.5K 1% 1/4W
R7	1-247-223-00	s	RES, CARBON 200 5% 1/2W
R8	1-247-223-00	s	RES, CARBON 200 5% 1/2W
R9	1-247-733-11	s	RES, CARBON 33 5% 1/2W
R10	1-247-733-11	s	RES, CARBON 33 5% 1/2W
R11	1-214-116-00	s	RES, METAL 220 1% 1/4W
R12	1-214-180-00	s	RES, METAL 100K 1% 1/4W
R13	1-214-164-00	s	RES, METAL 22K 1% 1/4W
R14	1-214-144-00	s	RES, METAL 3.3K 1% 1/4W
R15	1-214-144-00	s	RES, METAL 3.3K 1% 1/4W

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Ref. No. or Qty	Part No.	SP	Description
R16	1-214-153-00	s	RES, METAL 7.5K 1% 1/4W
R17	1-214-156-00	s	RES, METAL 10K 1% 1/4W
R18	1-214-153-00	s	RES, METAL 7.5K 1% 1/4W
R19	1-214-156-00	s	RES, METAL 10K 1% 1/4W
R22	1-247-733-11	s	RES, CARBON 33 5% 1/2W
R23	1-247-733-11	s	RES, CARBON 33 5% 1/2W
R24	1-214-127-00	s	RES, METAL 620 1% 1/4W
R25	1-214-127-00	s	RES, METAL 620 1% 1/4W
RV1	1-224-940-00	s	RES, VAR, METAL 10K
RY1	1-515-543-11	s	RELAY, REED
RY2	1-515-543-11	s	RELAY, REED
TP1	3-685-366-01	o	TERMINAL, TP
TP2	3-685-366-01	o	TERMINAL, TP
TP3	3-685-366-01	o	TERMINAL, TP
TP4	3-685-366-01	o	TERMINAL, TP
TP5	3-685-366-01	o	TERMINAL, TP
TP6	3-685-366-01	o	TERMINAL, TP
TPE1	3-685-366-11	o	TERMINAL, TP
TPE2	3-685-366-11	o	TERMINAL, TP
TPE3	3-685-366-11	o	TERMINAL, TP

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

AE-06 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-006-B	o	COMPLETE PCB, AE-06
(This assembly includes the following parts.)			
1pc	3-715-721-51	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW 2.6X6
CN1	1-566-385-11	s	PIN, CONNECTOR 2P
CN2	1-566-385-11	s	PIN, CONNECTOR 2P
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-759-794-20	s	IC PAL16L8B-AE06201
ICA2	8-759-202-93	s	IC TC74HC153P
ICA3	8-759-202-99	s	IC TC74HC173P
ICA4	8-759-202-99	s	IC TC74HC173P
ICA5	8-759-202-99	s	IC TC74HC173P
ICA6	8-759-202-99	s	IC TC74HC173P
ICA7	8-759-202-99	s	IC TC74HC173P
ICA8	8-759-202-99	s	IC TC74HC173P
ICA9	8-759-202-99	s	IC TC74HC173P
ICA10	8-759-202-99	s	IC TC74HC173P
ICA11	8-759-203-43	s	IC TC74HC534P
ICA12	8-759-202-26	s	IC TC74HC138P
ICA13	8-759-202-26	s	IC TC74HC138P
ICA14	8-759-004-80	s	IC MC74HCT374N
ICA17	8-759-779-83	s	IC MBL8742H-AE061011
ICA21	8-759-000-99	s	IC MC74HC74N
ICA22	8-759-000-99	s	IC MC74HC74N
ICA24	8-759-779-85	s	IC 27C512-AE06411
ICA29	8-759-203-54	s	IC TC74HC640P
ICA30	8-759-203-61	s	IC TC74HC688P
ICA31	8-759-202-33	s	IC TC74HC240P
ICA32	8-759-202-33	s	IC TC74HC240P
ICB2	8-759-202-99	s	IC TC74HC173P
ICB3	8-759-202-99	s	IC TC74HC173P
ICB4	8-759-202-99	s	IC TC74HC173P
ICB5	8-759-202-99	s	IC TC74HC173P
ICB6	8-759-202-99	s	IC TC74HC173P
ICB7	8-759-202-26	s	IC TC74HC138P
ICB8	8-759-202-26	s	IC TC74HC138P
ICB9	8-759-203-36	s	IC TC74HC374P
ICB10	8-759-203-36	s	IC TC74HC374P
ICB11	8-759-203-36	s	IC TC74HC374P
ICB13	8-759-103-88	s	IC uPD82C43CY
ICB14	8-759-103-88	s	IC uPD82C43CY
ICB16	8-759-103-88	s	IC uPD82C43CY
ICB19	8-759-202-11	s	IC TC74HC00P
ICB20	8-759-000-99	s	IC MC74HC74N
ICB21	8-759-202-11	s	IC TC74HC00P
ICB22	8-759-000-99	s	IC MC74HC74N
ICB23	8-759-004-80	s	IC MC74HCT374N
ICB26	8-752-304-30	s	IC CX23043
ICB27	8-759-202-32	s	IC TC74HC163P
ICB28	8-759-202-11	s	IC TC74HC00P
ICB29	8-759-202-21	s	IC TC74HC32P
ICB30	8-759-202-14	s	IC TC74HC08P
ICB31	8-759-202-74	s	IC TC74HC04P
ICB32	8-759-936-69	s	IC SN74ALS534N
ICC2	8-759-202-99	s	IC TC74HC173P
ICC3	8-759-202-99	s	IC TC74HC173P
ICC4	8-759-203-36	s	IC TC74HC374P
ICC5	8-759-203-36	s	IC TC74HC374P
ICC6	8-759-203-36	s	IC TC74HC374P
ICC7	8-759-203-36	s	IC TC74HC374P
ICC8	8-759-203-36	s	IC TC74HC374P
ICC9	8-759-203-36	s	IC TC74HC374P
ICC10	8-759-203-36	s	IC TC74HC374P
ICC11	8-759-001-39	s	IC MC74HC164N
ICC19	8-759-900-04	s	IC SN74LS04N

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Ref. No. or Qty	Part No.	SP	Description
ICC20	8-759-202-74	s	IC TC74HC04P
ICC21	8-759-202-74	s	IC TC74HC04P
ICC22	8-759-202-74	s	IC TC74HC04P
ICC23	8-759-202-74	s	IC TC74HC04P
ICC24	8-759-202-74	s	IC TC74HC04P
ICC25	8-759-202-75	s	IC TC74HCT04P
ICC26	8-759-202-75	s	IC TC74HCT04P
ICC27	8-752-304-30	s	IC CX23043
ICC29	8-759-900-00	s	IC SN74LS00N
ICC30	8-759-900-69	s	IC SN74ALS74AN
ICC31	8-759-900-04	s	IC SN74LS04N
ICC32	8-759-926-32	s	IC AM26LS32PC
ICD2	8-759-202-76	s	IC TC74HC30P
ICD3	8-759-918-33	s	IC CX20160
ICD4	8-759-203-36	s	IC TC74HC374P
ICD5	8-759-203-36	s	IC TC74HC374P
ICD6	8-759-203-36	s	IC TC74HC374P
ICD7	8-759-203-36	s	IC TC74HC374P
ICD8	8-759-203-36	s	IC TC74HC374P
ICD9	8-759-203-36	s	IC TC74HC374P
ICD10	8-759-203-36	s	IC TC74HC374P
ICD11	8-759-202-93	s	IC TC74HC153P
ICD12	8-759-202-93	s	IC TC74HC153P
ICD14	8-752-304-30	s	IC CX23043
ICD15	8-759-202-75	s	IC TC74HCT04P
ICD16	8-759-202-32	s	IC TC74HC163P
ICD18	8-752-304-30	s	IC CX23043
ICD19	8-752-304-30	s	IC CX23043
ICD21	8-752-304-30	s	IC CX23043
ICD22	8-759-000-99	s	IC MC74HC74N
ICD23	8-759-202-75	s	IC TC74HCT04P
ICD24	8-752-304-30	s	IC CX23043
ICD26	8-759-202-32	s	IC TC74HC163P
ICD27	8-759-203-13	s	IC TC74HCT241P
ICD28	8-759-203-13	s	IC TC74HCT241P
ICD29	8-759-203-13	s	IC TC74HCT241P
ICD30	8-759-112-21	s	IC uPD4314C-35
ICD31	8-759-912-48	s	IC SN74ALS874NT
ICD32	8-759-913-63	s	IC SN74ALS374N
ICE2	8-759-202-16	s	IC TC74HC11P
ICE3	8-759-202-11	s	IC TC74HC00P
ICE4	8-759-202-21	s	IC TC74HC32P
ICE5	8-759-000-99	s	IC MC74HC74N
ICE6	8-759-900-00	s	IC SN74LS00N
ICE7	8-759-900-02	s	IC SN74LS02N
ICE8	8-759-900-04	s	IC SN74LS04N
ICE9	8-759-912-48	s	IC SN74ALS874NT
ICE10	8-759-112-21	s	IC uPD4314C-35
ICE11	8-759-913-63	s	IC SN74ALS374N
ICE13	8-759-775-52	s	IC MB7142H-AE06011
ICE14	8-759-794-16	s	IC PAL16R8B-AE06211
ICE15	8-759-203-36	s	IC TC74HC374P
ICE16	8-759-203-36	s	IC TC74HC374P
ICE17	8-759-203-36	s	IC TC74HC374P
ICE18	8-759-203-36	s	IC TC74HC374P
ICE19	8-759-203-36	s	IC TC74HC374P
ICE20	8-759-203-36	s	IC TC74HC374P
ICE21	8-759-203-36	s	IC TC74HC374P
ICE22	8-759-203-36	s	IC TC74HC374P
ICE23	8-759-203-18	s	IC TC74HC253P
ICE24	8-759-203-18	s	IC TC74HC253P
ICE25	8-759-794-21	s	IC PAL16L8B-AE06221
ICE26	8-759-202-32	s	IC TC74HC163P
ICE27	8-759-202-15	s	IC TC74HC10P
ICE28	8-759-203-52	s	IC TC74HC595P
ICE29	8-759-202-93	s	IC TC74HC153P
ICE30	8-759-202-14	s	IC TC74HC08P
ICE31	8-759-913-63	s	IC SN74ALS374N
ICE32	8-759-004-80	s	IC MC74HCT374N
ICF2	8-759-918-33	s	IC CX20160

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AE-06 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICF3	8-759-203-16	s	IC TC74HCT244P
ICF4	8-759-203-76	s	IC TC74HC4078P
ICF5	8-759-202-14	s	IC TC74HC08P
ICF6	8-759-202-99	s	IC TC74HC173P
ICF7	8-759-202-99	s	IC TC74HC173P
ICF8	8-759-202-82	s	IC TC74HC85P
ICF9	8-759-203-24	s	IC TC74HC283P
ICF10	8-759-202-55	s	IC TC74HC244P
ICF11	8-759-900-86	s	IC SN74LS86N
ICF12	8-759-203-01	s	IC TC74HC175P
ICF13	8-759-913-63	s	IC SN74ALS374N
ICF14	8-759-774-73	s	IC MB7138HSK-AE06021
ICF15	8-759-912-48	s	IC SN74ALS874NT
ICF16	8-759-912-48	s	IC SN74ALS874NT
ICF17	8-759-000-99	s	IC MC74HC74N
ICF18	8-759-000-99	s	IC MC74HC74N
ICF19	8-759-000-99	s	IC MC74HC74N
ICF20	8-759-000-99	s	IC MC74HC74N
ICF21	8-759-912-48	s	IC SN74ALS874NT
ICF22	8-759-912-48	s	IC SN74ALS874NT
ICF23	8-759-780-44	s	IC 27C512-AE06422
ICF25	8-759-912-48	s	IC SN74ALS874NT
ICF26	8-759-912-48	s	IC SN74ALS874NT
ICF27	8-759-912-48	s	IC SN74ALS874NT
ICF28	8-759-202-99	s	IC TC74HC173P
ICF29	8-759-202-99	s	IC TC74HC173P
ICF30	8-759-202-99	s	IC TC74HC173P
ICF31	8-759-202-99	s	IC TC74HC173P
ICF32	8-759-913-63	s	IC SN74ALS374N
ICG2	8-759-202-24	s	IC TC74HC86P
ICG3	8-759-202-15	s	IC TC74HC10P
ICG4	8-759-004-80	s	IC MC74HCT374N
ICG5	8-759-918-33	s	IC CX20160
ICG6	8-759-918-33	s	IC CX20160
ICG7	8-759-202-14	s	IC TC74HC08P
ICG8	8-759-202-21	s	IC TC74HC32P
ICG9	8-759-202-99	s	IC TC74HC173P
ICG10	8-759-202-99	s	IC TC74HC173P
ICG11	8-759-000-99	s	IC MC74HC74N
ICG12	8-759-203-24	s	IC TC74HC283P
ICG13	8-759-202-27	s	IC TC74HC157P
ICG14	8-759-202-27	s	IC TC74HC157P
ICG15	8-759-202-27	s	IC TC74HC157P
ICG16	8-759-202-27	s	IC TC74HC157P
ICG17	8-759-202-26	s	IC TC74HC138P
ICG18	8-759-202-30	s	IC TC74HC161P
ICG19	8-759-202-30	s	IC TC74HC161P
ICG20	8-759-202-30	s	IC TC74HC161P
ICG21	8-759-202-30	s	IC TC74HC161P
ICG22	8-759-202-74	s	IC TC74HC04P
ICG23	8-759-786-33	s	IC MBM27C256A-AE06131
ICG25	8-759-786-34	s	IC MBM27C256A-AE06141
ICG27	8-759-202-99	s	IC TC74HC173P
ICG28	8-759-202-99	s	IC TC74HC173P
ICG29	8-759-903-84	s	IC SN74LS384N
ICG30	8-759-903-84	s	IC SN74LS384N
ICG31	8-759-903-84	s	IC SN74LS384N
ICG32	8-759-903-84	s	IC SN74LS384N
ICH2	8-759-912-48	s	IC SN74ALS874NT
ICH3	8-759-912-48	s	IC SN74ALS874NT
ICH4	8-759-203-18	s	IC TC74HC253P
ICH5	8-759-203-18	s	IC TC74HC253P
ICH6	8-759-004-80	s	IC MC74HCT374N
ICH7	8-759-203-36	s	IC TC74HC374P
ICH8	8-759-203-36	s	IC TC74HC374P
ICH9	8-759-203-36	s	IC TC74HC374P
ICH10	8-759-203-36	s	IC TC74HC374P
ICH11	8-759-203-36	s	IC TC74HC374P
ICH12	8-759-203-36	s	IC TC74HC374P
ICH13	8-759-203-36	s	IC TC74HC374P

(AE-06 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICH14	8-759-203-36	s	IC TC74HC374P
ICH15	8-759-774-52	s	IC MB7118H-AE06031
ICH16	8-759-004-80	s	IC MC74HCT374N
ICH17	8-759-202-14	s	IC TC74HC08P
ICH18	8-759-913-63	s	IC SN74ALS374N
ICH19	8-759-202-27	s	IC TC74HC157P
ICH20	8-759-774-09	s	IC MB7226RA-AE06041
ICH21	8-759-775-34	s	IC MBM27C32-AE06151
ICH27	8-759-202-99	s	IC TC74HC173P
ICH28	8-759-202-99	s	IC TC74HC173P
ICH29	8-759-903-04	s	IC SN74LS595N
ICH30	8-759-900-74	s	IC SN74LS74AN
ICH31	8-759-901-83	s	IC SN74LS183N
ICH32	8-759-202-93	s	IC TC74HC153P
ICJ2	8-759-112-21	s	IC uPD4314C-35
ICJ3	8-759-112-31	s	IC uPD4311C-35
ICJ4	8-759-787-54	s	IC MBM27C256A-AE06162
ICJ6	8-759-774-10	s	IC MB7226RA-AE06051
ICJ7	8-759-203-13	s	IC TC74HCT241P
ICJ8	8-759-203-13	s	IC TC74HCT241P
ICJ9	8-759-794-18	s	IC PAL16R8B-AE06531
ICJ10	8-759-918-33	s	IC CX20160
ICJ11	8-759-918-33	s	IC CX20160
ICJ12	8-759-904-06	s	IC SN74LS686NT
ICJ13	8-759-904-06	s	IC SN74LS686NT
ICJ14	8-759-000-99	s	IC MC74HC74N
ICJ15	8-759-202-21	s	IC TC74HC32P
ICJ16	8-759-202-14	s	IC TC74HC08P
ICJ17	8-759-900-00	s	IC SN74LS00N
ICJ18	8-759-202-11	s	IC TC74HC00P
ICJ20	8-759-786-27	s	IC MBM27C256A-AE06171
ICJ22	8-759-787-55	s	IC MBM27C256A-AE06182
ICJ24	8-759-004-80	s	IC MC74HCT374N
ICJ25	8-759-004-80	s	IC MC74HCT374N
ICJ26	8-759-203-12	s	IC TC74HC241P
ICJ27	8-759-203-12	s	IC TC74HC241P
ICJ28	8-759-112-18	s	IC uPD4362C-45
ICJ29	8-759-912-48	s	IC SN74ALS874NT
ICJ30	8-759-202-93	s	IC TC74HC153P
ICJ31	8-759-202-93	s	IC TC74HC153P
ICJ32	8-759-913-63	s	IC SN74ALS374N
ICK2	8-759-203-12	s	IC TC74HC241P
ICK3	8-759-203-12	s	IC TC74HC241P
ICK4	8-759-004-80	s	IC MC74HCT374N
ICK5	8-759-774-90	s	IC MB7124H-AE06061
ICK6	8-759-918-33	s	IC CX20160
ICK7	8-759-004-80	s	IC MC74HCT374N
ICK8	8-759-203-52	s	IC TC74HC595P
ICK9	8-759-203-52	s	IC TC74HC595P
ICK10	8-759-202-24	s	IC TC74HC86P
ICK11	8-759-202-24	s	IC TC74HC86P
ICK12	8-759-202-24	s	IC TC74HC86P
ICK13	8-759-202-24	s	IC TC74HC86P
ICK14	8-752-304-30	s	IC CX23043
ICK15	8-752-304-30	s	IC CX23043
ICK17	8-759-779-86	s	IC MB7124H-AE06371
ICK18	8-759-004-80	s	IC MC74HCT374N
ICK19	8-759-202-34	s	IC TC74HC257P
ICK24	8-759-004-80	s	IC MC74HCT374N
ICK25	8-759-004-80	s	IC MC74HCT374N
ICK26	8-759-203-12	s	IC TC74HC241P
ICK27	8-759-203-12	s	IC TC74HC241P
ICK28	8-759-202-55	s	IC TC74HC244P
ICK29	8-759-202-34	s	IC TC74HC257P
ICK30	8-759-112-37	s	IC uPD41101C-3
ICK31	8-759-774-45	s	IC MB7128H-AE06081
ICK32	8-759-913-63	s	IC SN74ALS374N
ICK33	8-759-912-48	s	IC SN74ALS874NT
L1	1-421-370-00	s	COIL, CHOKE

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AE-06 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB2	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB3	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB4	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB5	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB6	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB7	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB8	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB12	1-231-549-11	s	RESISTOR BLOCK, 47KX4
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-385-00	s	RESISTOR BLOCK, 4.7KX8
RB17	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB21	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB22	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB23	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB26	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB27	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB28	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB29	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB30	1-231-533-00	s	RESISTOR BLOCK, 10KX4
S1	1-554-080-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

AN-01 BOARD, DVPC-1000

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-010-A	o	COMPLETE PCB, AN-01
(This assembly includes the following parts.)			
1pc	3-715-721-91	o	LABEL (2), SERIAL NUMBER
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C1	1-131-361-00	s	CAP, TANT 2.2uF 20% 20V
C2	1-131-361-00	s	CAP, TANT 2.2uF 20% 20V
C15	1-131-361-00	s	CAP, TANT 2.2uF 20% 20V
C16	1-131-361-00	s	CAP, TANT 2.2uF 20% 20V
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-404-07	s	DIODE LN45YP
D2	8-719-404-07	s	DIODE LN45YP
D3	8-719-800-60	s	DIODE TLR214
D4	8-719-800-60	s	DIODE TLR214
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A
F2	⚠ 1-532-926-12	s	FUSE, MICRO 10A
ICA1	8-759-202-86	s	IC TC74HC123P
ICA2	8-759-203-36	s	IC TC74HC374P
ICA6	8-759-774-30	s	IC MB7226RA-AN01181
ICA7	8-759-774-29	s	IC MB7226RA-AN01171
ICA8	8-759-774-44	s	IC MB7232RA-AN01191
ICA9	8-759-774-26	s	IC MB7226RA-AN01141
ICA10	8-759-777-02	s	IC MB7226RA-AN01152
ICA11	8-759-777-69	s	IC MB7226RA-AN01162
ICA12	8-759-774-25	s	IC MB7226RA-AN01131
ICA13	8-759-774-24	s	IC MB7226RA-AN01121
ICA15	8-759-202-32	s	IC TC74HC163P
ICA16	8-759-202-32	s	IC TC74HC163P
ICA18	8-759-791-06	s	IC VP16V8E-AN01371
ICA20	8-759-791-05	s	IC VP16V8E-AN01361
ICA21	8-759-791-04	s	IC VP16V8E-AN01351
ICA22	8-759-791-03	s	IC VP16V8E-AN01341
ICA23	8-759-791-02	s	IC VP16V8E-AN01331
ICA24	8-759-791-01	s	IC VP16V8E-AN01321
ICB1	8-759-202-86	s	IC TC74HC123P
ICB2	8-759-001-31	s	IC MC74HC151N
ICB9	8-759-912-48	s	IC SN74ALS874NT
ICB10	8-759-904-18	s	IC SN74ALS00AN
ICB11	8-759-202-32	s	IC TC74HC163P
ICB12	8-759-202-32	s	IC TC74HC163P
ICB14	8-752-304-30	s	IC CX23043
ICB15	8-752-304-30	s	IC CX23043
ICB16	8-759-790-92	s	IC VP16V8E-AN01231
ICB17	8-759-775-46	s	IC MBM27C32-AN01091
ICB19	8-759-775-45	s	IC MBM27C32-AN01081
ICB20	8-759-918-33	s	IC CX20160
ICB21	8-759-918-33	s	IC CX20160
ICB22	8-759-918-33	s	IC CX20160
ICB23	8-759-918-33	s	IC CX20160
ICB24	8-759-777-01	s	IC MBM27C32-AN01052
ICB26	8-759-778-58	s	IC MBL8742H-AN013812
ICB27	8-759-203-61	s	IC TC74HC688P
ICB28	8-759-203-54	s	IC TC74HC640P
ICC1	8-759-202-24	s	IC TC74HC86P
ICC2	8-759-203-36	s	IC TC74HC374P
ICC3	8-759-916-07	s	IC CX23038
ICC5	8-759-203-36	s	IC TC74HC374P
ICC6	8-759-202-93	s	IC TC74HC153P
ICC7	8-759-202-93	s	IC TC74HC153P
ICC8	8-759-202-21	s	IC TC74HC32P
ICC14	8-759-112-25	s	IC uPD4361C-45
ICC15	8-759-112-25	s	IC uPD4361C-45
ICC16	8-759-004-80	s	IC MC74HCT374N
ICC17	8-759-903-84	s	IC SN74LS384N
ICC19	8-759-775-44	s	IC MBM27C32-AN01071
ICC20	8-759-918-33	s	IC CX20160

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AN-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICC21	8-759-918-33	s	IC CX20160
ICC22	8-759-918-33	s	IC CX20160
ICC23	8-759-918-33	s	IC CX20160
ICC24	8-759-775-43	s	IC MBM27C32-AN01061
ICC27	8-759-202-33	s	IC TC74HC240P
ICD1	8-759-202-24	s	IC TC74HC86P
ICD2	8-759-774-23	s	IC MB7226RA-AN01111
ICD3	8-759-775-47	s	IC MBM27C32-AN01101
ICD5	8-759-918-33	s	IC CX20160
ICD6	8-759-918-33	s	IC CX20160
ICD7	8-759-203-36	s	IC TC74HC374P
ICD8	8-759-202-93	s	IC TC74HC153P
ICD9	8-759-202-27	s	IC TC74HC157P
ICD10	8-759-916-07	s	IC CX23038
ICD12	8-759-916-07	s	IC CX23038
ICD14	8-759-202-21	s	IC TC74HC32P
ICD15	8-759-202-74	s	IC TC74HC04P
ICD16	8-752-304-30	s	IC CX23043
ICD17	8-759-202-93	s	IC TC74HC153P
ICD18	8-759-202-93	s	IC TC74HC153P
ICD19	8-759-202-93	s	IC TC74HC153P
ICD20	8-759-202-93	s	IC TC74HC153P
ICD21	8-759-203-52	s	IC TC74HC595P
ICD22	8-759-912-48	s	IC SN74ALS874NT
ICD23	8-759-202-93	s	IC TC74HC153P
ICD24	8-759-202-11	s	IC TC74HC00P
ICD25	8-759-202-76	s	IC TC74HC30P
ICD26	8-759-203-36	s	IC TC74HC374P
ICD27	8-759-202-33	s	IC TC74HC240P
ICE10	8-759-202-27	s	IC TC74HC157P
ICE11	8-759-202-27	s	IC TC74HC157P
ICE12	8-759-004-80	s	IC MC74HCT374N
ICE13	8-759-202-27	s	IC TC74HC157P
ICE15	8-759-918-33	s	IC CX20160
ICE16	8-759-790-90	s	IC VP16V8E-AN01211
ICE17	8-759-790-97	s	IC VP16V8E-AN01281
ICE18	8-759-790-97	s	IC VP16V8E-AN01281
ICE19	8-759-790-97	s	IC VP16V8E-AN01281
ICE20	8-759-790-97	s	IC VP16V8E-AN01281
ICE21	8-759-202-27	s	IC TC74HC157P
ICE22	8-759-790-98	s	IC VP16V8E-AN01291
ICE23	8-759-790-99	s	IC VP16V8E-AN01301
ICE24	8-759-202-32	s	IC TC74HC163P
ICE25	8-759-202-32	s	IC TC74HC163P
ICE26	8-759-112-18	s	IC uPD4362C-45
ICE27	8-759-912-48	s	IC SN74ALS874NT
ICF2	8-759-103-88	s	IC uPD82C43CY
ICF3	8-759-103-88	s	IC uPD82C43CY
ICF4	8-759-001-31	s	IC MC74HC151N
ICF5	8-759-203-52	s	IC TC74HC595P
ICF6	8-759-103-88	s	IC uPD82C43CY
ICF7	8-759-202-27	s	IC TC74HC157P
ICF8	8-759-202-27	s	IC TC74HC157P
ICF9	8-759-103-88	s	IC uPD82C43CY
ICF10	8-759-202-27	s	IC TC74HC157P
ICF11	8-759-202-27	s	IC TC74HC157P
ICF12	8-759-004-80	s	IC MC74HCT374N
ICF13	8-759-202-27	s	IC TC74HC157P
ICF14	8-759-901-44	s	IC 74F240PC
ICF15	8-759-901-44	s	IC 74F240PC
ICF16	8-759-790-91	s	IC VP16V8E-AN01221
ICF17	8-759-903-85	s	IC SN74LS385N
ICF18	8-759-904-80	s	IC 74F04PC
ICF20	8-759-790-96	s	IC VP16V8E-AN01271
ICF21	8-759-790-98	s	IC VP16V8E-AN01291
ICF22	8-759-790-99	s	IC VP16V8E-AN01301
ICF23	8-759-202-74	s	IC TC74HC04P
ICF25	8-759-202-32	s	IC TC74HC163P
ICF26	8-759-202-32	s	IC TC74HC163P
ICG1	8-759-103-88	s	IC uPD82C43CY

(AN-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICG2	8-759-103-88	s	IC uPD82C43CY
ICG3	8-759-001-31	s	IC MC74HC151N
ICG4	8-759-001-31	s	IC MC74HC151N
ICG5	8-759-103-88	s	IC uPD82C43CY
ICG6	8-759-202-56	s	IC TC74HC245P
ICG7	8-759-202-98	s	IC TC74HC166P
ICG8	8-759-790-93	s	IC VP16V8E-AN01241
ICG9	8-759-918-33	s	IC CX20160
ICG10	8-759-790-94	s	IC VP16V8E-AN01251
ICG11	8-759-913-63	s	IC SN74ALS374N
ICG12	8-759-001-39	s	IC MC74HC164N
ICG13	8-759-775-51	s	IC MB7112H-AN01041
ICG14	8-759-903-84	s	IC SN74LS384N
ICG15	8-759-775-50	s	IC MB7112H-AN01031
ICG16	8-759-903-84	s	IC SN74LS384N
ICG17	8-759-903-79	s	IC SN74LS379N
ICG20	8-759-904-80	s	IC 74F04PC
ICG21	8-759-202-11	s	IC TC74HC00P
ICG22	8-759-904-81	s	IC 74F08PC
ICG23	8-759-904-80	s	IC 74F04PC
ICG24	8-759-904-80	s	IC 74F04PC
ICG25	8-759-000-99	s	IC MC74HC74N
ICG26	8-759-926-32	s	IC AM26LS32PC
ICH1	8-759-202-26	s	IC TC74HC138P
ICH2	8-759-112-25	s	IC uPD4361C-45
ICH3	8-759-202-74	s	IC TC74HC04P
ICH4	8-759-112-25	s	IC uPD4361C-45
ICH5	8-759-902-94	s	IC SN74LS590N
ICH6	8-759-202-21	s	IC TC74HC32P
ICH7	8-759-203-52	s	IC TC74HC595P
ICH8	8-759-001-39	s	IC MC74HC164N
ICH9	8-759-903-84	s	IC SN74LS384N
ICH10	8-759-903-84	s	IC SN74LS384N
ICH11	8-759-001-39	s	IC MC74HC164N
ICH12	8-759-918-33	s	IC CX20160
ICH13	8-759-203-36	s	IC TC74HC374P
ICH14	8-759-203-36	s	IC TC74HC374P
ICH15	8-759-203-36	s	IC TC74HC374P
ICH16	8-759-775-49	s	IC MB7112H-AN01021
ICH17	8-759-903-84	s	IC SN74LS384N
ICH18	8-759-903-85	s	IC SN74LS385N
ICH20	8-759-904-26	s	IC SN74ALS08N
ICH21	8-759-904-26	s	IC SN74ALS08N
ICH22	8-759-903-77	s	IC SN74LS377N
ICH23	8-759-790-89	s	IC VP16V8E-AN01201
ICH24	8-759-004-80	s	IC MC74HCT374N
ICH25	8-759-913-63	s	IC SN74ALS374N
ICH26	8-759-913-63	s	IC SN74ALS374N
ICH27	8-759-202-74	s	IC TC74HC04P
ICH28	8-759-202-12	s	IC TC74HC02P
ICJ1	8-759-103-88	s	IC uPD82C43CY
ICJ2	8-752-304-30	s	IC CX23043
ICJ4	8-752-304-30	s	IC CX23043
ICJ5	8-759-202-55	s	IC TC74HC244P
ICJ6	8-759-791-00	s	IC VP16V8E-AN01311
ICJ7	8-752-322-10	s	IC CXK5814P-45L
ICJ8	8-759-001-39	s	IC MC74HC164N
ICJ9	8-759-903-84	s	IC SN74LS384N
ICJ10	8-759-903-84	s	IC SN74LS384N
ICJ11	8-759-903-85	s	IC SN74LS385N
ICJ12	8-759-790-95	s	IC VP16V8E-AN01261
ICJ13	8-759-918-33	s	IC CX20160
ICJ14	8-759-918-33	s	IC CX20160
ICJ15	8-759-918-33	s	IC CX20160
ICJ16	8-759-775-33	s	IC MBM27C256-AN01011
ICJ17	8-759-112-37	s	IC uPD41101C-3
ICJ18	8-759-112-37	s	IC uPD41101C-3
ICJ20	8-759-112-37	s	IC uPD41101C-3
ICJ21	8-759-112-37	s	IC uPD41101C-3
ICJ22	8-759-112-37	s	IC uPD41101C-3

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AN-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ23	8-759-918-33	s	IC CX20160
ICJ24	8-759-202-93	s	IC TC74HC153P
ICJ25	8-759-203-36	s	IC TC74HC374P
ICJ28	8-752-304-30	s	IC CX23043
JP1	1-560-733-00	s	PIN, SHORT
JP2	1-560-733-00	s	PIN, SHORT
JP3	1-560-733-00	s	PIN, SHORT
JS1	1-561-832-00	s	SOCKET, SHORT
JS2	1-561-832-00	s	SOCKET, SHORT
JS3	1-561-832-00	s	SOCKET, SHORT
JS4	1-561-832-00	s	SOCKET, SHORT
JS5	1-561-832-00	s	SOCKET, SHORT
JS6	1-561-832-00	s	SOCKET, SHORT
JS7	1-561-832-00	s	SOCKET, SHORT
JS8	1-561-832-00	s	SOCKET, SHORT
JS9	1-561-832-00	s	SOCKET, SHORT
JS10	1-561-832-00	s	SOCKET, SHORT
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-398-00	s	RESISTOR BLOCK, 270X8
RB3	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB6	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB7	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-553-925-00	s	SWITCH, ROTARY
S3	1-553-925-00	s	SWITCH, ROTARY
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
S6	1-554-027-00	s	SWITCH, ROTARY
S7	1-554-027-00	s	SWITCH, ROTARY
S8	1-553-925-00	s	SWITCH, ROTARY
S9	1-553-925-00	s	SWITCH, ROTARY
S10	1-554-080-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

AN-01 BOARD, DVPC-1000

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-010-B	o	COMPLETE PCB, AN-01
(This assembly includes the following parts.)			
1pc	3-715-721-91	o	LABEL (2), SERIAL NUMBER
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C1	1-131-361-00	s	CAP, TANT 2.2uF 20% 20V
C2	1-131-361-00	s	CAP, TANT 2.2uF 20% 20V
C15	1-131-361-00	s	CAP, TANT 2.2uF 20% 20V
C16	1-131-361-00	s	CAP, TANT 2.2uF 20% 20V
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-404-07	s	DIODE LN45YP
D2	8-719-404-07	s	DIODE LN45YP
D3	8-719-800-60	s	DIODE TLR214
D4	8-719-800-60	s	DIODE TLR214
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-759-202-86	s	IC TC74HC123P
ICA2	8-759-203-36	s	IC TC74HC374P
ICA6	8-759-774-30	s	IC MB7226RA-AN01181
ICA8	8-759-774-44	s	IC MB7232RA-AN01191
ICA9	8-759-774-26	s	IC MB7226RA-AN01141
ICA10	8-759-777-02	s	IC MB7226RA-AN01152
ICA11	8-759-777-69	s	IC MB7226RA-AN01162
ICA12	8-759-774-25	s	IC MB7226RA-AN01131
ICA13	8-759-780-66	s	IC MB7226RA-AN01441
ICA15	8-759-202-32	s	IC TC74HC163P
ICA16	8-759-202-32	s	IC TC74HC163P
ICA18	8-759-795-18	s	IC PAL16R8B-AN01371
ICA20	8-759-795-21	s	IC PAL16R8B-AN01431
ICA21	8-759-795-16	s	IC PAL16R8B-AN01351
ICA23	8-759-795-14	s	IC PAL16R8B-AN01331
ICA24	8-759-795-13	s	IC PAL16R8B-AN01321
ICB1	8-759-202-86	s	IC TC74HC123P
ICB2	8-759-001-31	s	IC MC74HC151N
ICB9	8-759-912-48	s	IC SN74ALS874NT
ICB10	8-759-904-18	s	IC SN74ALS00AN
ICB11	8-759-202-32	s	IC TC74HC163P
ICB12	8-759-202-32	s	IC TC74HC163P
ICB14	8-752-304-30	s	IC CX23043
ICB15	8-752-304-30	s	IC CX23043
ICB16	8-759-795-06	s	IC PAL16R8B-AN01231
ICB19	8-759-775-45	s	IC MBM27C32-AN01081
ICB20	8-759-918-33	s	IC CX20160
ICB21	8-759-918-33	s	IC CX20160
ICB22	8-759-918-33	s	IC CX20160
ICB23	8-759-918-33	s	IC CX20160
ICB24	8-759-777-01	s	IC MBM27C32-AN01052
ICB26	8-759-983-37	s	IC MBL8742H-AN013817
ICB27	8-759-203-61	s	IC TC74HC688P
ICB28	8-759-203-54	s	IC TC74HC640P
ICC1	8-759-202-24	s	IC TC74HC86P
ICC2	8-759-203-36	s	IC TC74HC374P
ICC3	8-759-916-07	s	IC CX23038
ICC5	8-759-203-36	s	IC TC74HC374P
ICC6	8-759-202-93	s	IC TC74HC153P
ICC7	8-759-202-93	s	IC TC74HC153P
ICC8	8-759-904-83	s	IC 74F32PC
ICC14	8-759-112-25	s	IC uPD4361C-45
ICC15	8-759-112-25	s	IC uPD4361C-45
ICC16	8-759-004-80	s	IC MC74HCT374N
ICC17	8-759-903-84	s	IC SN74LS384N
ICC19	8-759-775-44	s	IC MBM27C32-AN01071
ICC20	8-759-918-33	s	IC CX20160

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AN-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICC21	8-759-918-33	s	IC CX20160
ICC22	8-759-918-33	s	IC CX20160
ICC23	8-759-918-33	s	IC CX20160
ICC24	8-759-775-43	s	IC MBM27C32-AN01061
ICC27	8-759-202-33	s	IC TC74HC240P
ICD1	8-759-202-24	s	IC TC74HC86P
ICD2	8-759-774-23	s	IC MB7226RA-AN01111
ICD3	8-759-775-47	s	IC MBM27C32-AN01101
ICD5	8-759-918-33	s	IC CX20160
ICD6	8-759-918-33	s	IC CX20160
ICD7	8-759-203-36	s	IC TC74HC374P
ICD8	8-759-202-93	s	IC TC74HC153P
ICD9	8-759-202-27	s	IC TC74HC157P
ICD10	8-759-916-07	s	IC CX23038
ICD12	8-759-916-07	s	IC CX23038
ICD14	8-759-904-83	s	IC 74F32PC
ICD15	8-759-202-74	s	IC TC74HC04P
ICD16	8-752-304-30	s	IC CX23043
ICD17	8-759-202-93	s	IC TC74HC153P
ICD18	8-759-202-93	s	IC TC74HC153P
ICD19	8-759-202-93	s	IC TC74HC153P
ICD20	8-759-202-93	s	IC TC74HC153P
ICD21	8-759-203-52	s	IC TC74HC595P
ICD22	8-759-912-48	s	IC SN74ALS874NT
ICD23	8-759-202-93	s	IC TC74HC153P
ICD24	8-759-202-11	s	IC TC74HC00P
ICD25	8-759-202-76	s	IC TC74HC30P
ICD26	8-759-203-36	s	IC TC74HC374P
ICD27	8-759-202-33	s	IC TC74HC240P
ICE10	8-759-202-27	s	IC TC74HC157P
ICE11	8-759-202-27	s	IC TC74HC157P
ICE12	8-759-004-80	s	IC MC74HCT374N
ICE13	8-759-202-27	s	IC TC74HC157P
ICE17	8-759-793-92	s	IC PAL16R6B-AN01281
ICE18	8-759-793-92	s	IC PAL16R6B-AN01281
ICE19	8-759-793-92	s	IC PAL16R6B-AN01281
ICE20	8-759-793-92	s	IC PAL16R6B-AN01281
ICE21	8-759-202-27	s	IC TC74HC157P
ICE22	8-759-795-11	s	IC PAL16R8B-AN01291
ICE23	8-759-793-93	s	IC PAL16R4B-AN01301
ICE24	8-759-202-32	s	IC TC74HC163P
ICE25	8-759-202-32	s	IC TC74HC163P
ICE26	8-759-112-18	s	IC uPD4362C-45
ICE27	8-759-912-48	s	IC SN74ALS874NT
ICF2	8-759-103-88	s	IC uPD82C43CY
ICF3	8-759-103-88	s	IC uPD82C43CY
ICF4	8-759-001-31	s	IC MC74HC151N
ICF5	8-759-203-52	s	IC TC74HC595P
ICF6	8-759-103-88	s	IC uPD82C43CY
ICF7	8-759-202-27	s	IC TC74HC157P
ICF8	8-759-202-27	s	IC TC74HC157P
ICF9	8-759-103-88	s	IC uPD82C43CY
ICF10	8-759-202-27	s	IC TC74HC157P
ICF11	8-759-202-27	s	IC TC74HC157P
ICF12	8-759-004-80	s	IC MC74HCT374N
ICF13	8-759-202-27	s	IC TC74HC157P
ICF14	8-759-902-40	s	IC SN74LS240N
ICF15	8-759-902-40	s	IC SN74LS240N
ICF16	8-759-795-05	s	IC PAL16R6B-AN01221
ICF17	8-759-791-75	s	IC VP16V8E-AN01421
ICF18	8-759-202-74	s	IC TC74HC04P
ICF20	8-759-795-10	s	IC PAL16R8B-AN01271
ICF21	8-759-795-11	s	IC PAL16R8B-AN01291
ICF22	8-759-793-93	s	IC PAL16R4B-AN01301
ICF23	8-759-904-80	s	IC 74F04PC
ICF25	8-759-202-32	s	IC TC74HC163P
ICF26	8-759-202-32	s	IC TC74HC163P
ICG1	8-759-103-88	s	IC uPD82C43CY

(AN-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICG2	8-759-103-88	s	IC uPD82C43CY
ICG3	8-759-001-31	s	IC MC74HC151N
ICG4	8-759-001-31	s	IC MC74HC151N
ICG5	8-759-103-88	s	IC uPD82C43CY
ICG6	8-759-202-56	s	IC TC74HC245P
ICG7	8-759-202-98	s	IC TC74HC166P
ICG8	8-759-795-07	s	IC PAL16R8B-AN01241
ICG9	8-759-918-33	s	IC CX20160
ICG10	8-759-791-73	s	IC VP16V8E-AN01411
ICG11	8-759-913-63	s	IC SN74ALS374N
ICG12	8-759-001-39	s	IC MC74HC164N
ICG13	8-759-918-33	s	IC CX20160
ICG14	8-759-918-33	s	IC CX20160
ICG15	8-759-203-24	s	IC TC74HC283P
ICG16	8-759-203-24	s	IC TC74HC283P
ICG17	8-759-903-97	s	IC SN74LS684N
ICG18	8-759-203-52	s	IC TC74HC595P
ICG20	8-759-202-74	s	IC TC74HC04P
ICG21	8-759-202-11	s	IC TC74HC00P
ICG22	8-759-904-81	s	IC 74F08PC
ICG23	8-759-904-80	s	IC 74F04PC
ICG24	8-759-904-80	s	IC 74F04PC
ICG25	8-759-000-99	s	IC MC74HC74N
ICG26	8-759-926-32	s	IC AM26LS32PC
ICH1	8-759-202-26	s	IC TC74HC138P
ICH2	8-759-112-25	s	IC uPD4361C-45
ICH3	8-759-202-74	s	IC TC74HC04P
ICH4	8-759-112-25	s	IC uPD4361C-45
ICH5	8-759-902-94	s	IC SN74LS590N
ICH6	8-759-904-83	s	IC 74F32PC
ICH7	8-759-203-52	s	IC TC74HC595P
ICH9	8-759-903-84	s	IC SN74LS384N
ICH10	8-759-903-84	s	IC SN74LS384N
ICH11	8-759-001-39	s	IC MC74HC164N
ICH12	8-759-918-33	s	IC CX20160
ICH13	8-759-918-33	s	IC CX20160
ICH14	8-759-918-33	s	IC CX20160
ICH15	8-759-203-24	s	IC TC74HC283P
ICH16	8-759-203-24	s	IC TC74HC283P
ICH17	8-759-903-97	s	IC SN74LS684N
ICH18	8-759-903-85	s	IC SN74LS385N
ICH20	8-759-203-52	s	IC TC74HC595P
ICH22	8-759-903-77	s	IC SN74LS377N
ICH23	8-759-795-03	s	IC PAL16R6B-AN01201
ICH24	8-759-004-80	s	IC MC74HCT374N
ICH25	8-759-913-63	s	IC SN74ALS374N
ICH26	8-759-913-63	s	IC SN74ALS374N
ICH27	8-759-202-74	s	IC TC74HC04P
ICJ1	8-759-103-88	s	IC uPD82C43CY
ICJ2	8-752-304-30	s	IC CX23043
ICJ4	8-752-304-30	s	IC CX23043
ICJ5	8-759-202-55	s	IC TC74HC244P
ICJ6	8-759-795-12	s	IC PAL16L8B-AN01311
ICJ7	8-752-322-10	s	IC CXK5814P-45L
ICJ9	8-759-903-84	s	IC SN74LS384N
ICJ10	8-759-903-84	s	IC SN74LS384N
ICJ11	8-759-903-85	s	IC SN74LS385N
ICJ12	8-759-795-09	s	IC PAL16R6B-AN01261
ICJ14	8-759-918-33	s	IC CX20160
ICJ15	8-759-918-33	s	IC CX20160
ICJ16	8-759-795-19	s	IC PAL16R8B-AN01401
ICJ17	8-759-112-37	s	IC uPD41101C-3
ICJ18	8-759-112-37	s	IC uPD41101C-3
ICJ20	8-759-112-37	s	IC uPD41101C-3
ICJ21	8-759-112-37	s	IC uPD41101C-3
ICJ22	8-759-112-37	s	IC uPD41101C-3

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AN-01 BOARD, DVPC-1000)

#10701 & UP (J) #21001 & UP (UC) #11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ23	8-759-918-33	s	IC CX20160
ICJ24	8-759-202-93	s	IC TC74HC153P
JP1	1-566-385-11	s	PIN, SHORT
JP2	1-566-385-11	s	PIN, SHORT
JP4	1-566-385-11	s	PIN, SHORT
JS1	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS2	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS3	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS4	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS5	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS6	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS7	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS8	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS9	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS10	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-398-00	s	RESISTOR BLOCK, 270X8
RB3	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB6	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB7	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-553-925-00	s	SWITCH, ROTARY
S3	1-553-925-00	s	SWITCH, ROTARY
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
S6	1-554-027-00	s	SWITCH, ROTARY
S7	1-554-027-00	s	SWITCH, ROTARY
S8	1-553-925-00	s	SWITCH, ROTARY
S9	1-553-925-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

AP-14 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-011-A	o	COMPLETE PCB, AP-14
(This assembly includes the following parts.)			
1pc	3-715-724-01	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW 2.6X8
6pcs	7-628-253-40	s	SCREW, +PSW, 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
CN1	1-566-385-11	s	PIN, CONNECTOR 2P
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-400-35	s	DIODE LN35BP
D2	8-719-400-35	s	DIODE LN35BP
D3	8-719-400-35	s	DIODE LN35BP
D4	8-719-400-35	s	DIODE LN35BP
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-759-103-88	s	IC uPD82C43CY
ICA2	8-759-203-36	s	IC TC74HC374P
ICA3	8-759-203-36	s	IC TC74HC374P
ICA4	8-759-203-36	s	IC TC74HC374P
ICA5	8-759-203-36	s	IC TC74HC374P
ICA6	8-759-202-98	s	IC TC74HC166P
ICA7	8-759-202-98	s	IC TC74HC166P
ICA8	8-759-202-98	s	IC TC74HC166P
ICA9	8-759-202-98	s	IC TC74HC166P
ICA10	8-759-202-98	s	IC TC74HC166P
ICA11	8-759-202-98	s	IC TC74HC166P
ICA12	8-759-202-98	s	IC TC74HC166P
ICA13	8-759-202-98	s	IC TC74HC166P
ICA14	8-759-202-93	s	IC TC74HC153P
ICA15	8-759-912-48	s	IC SN74ALS874NT
ICA16	8-759-202-15	s	IC TC74HC10P
ICA17	8-759-202-99	s	IC TC74HC173P
ICA18	8-759-202-26	s	IC TC74HC138P
ICA19	8-752-304-30	s	IC CX23043
ICA20	8-752-304-30	s	IC CX23043
ICA21	8-752-304-30	s	IC CX23043
ICA22	8-752-304-30	s	IC CX23043
ICA23	8-752-304-30	s	IC CX23043
ICA24	8-752-304-30	s	IC CX23043
ICA25	8-752-304-30	s	IC CX23043
ICA26	8-752-304-30	s	IC CX23043
ICA27	8-759-000-99	s	IC MC74HC74N
ICA28	8-759-202-26	s	IC TC74HC138P
ICA29	8-759-202-26	s	IC TC74HC138P
ICA31	8-759-777-51	s	IC MBL8742H-AP141010
ICB1	8-759-202-55	s	IC TC74HC244P
ICB2	8-759-203-36	s	IC TC74HC374P
ICB3	8-759-203-36	s	IC TC74HC374P
ICB4	8-759-203-36	s	IC TC74HC374P
ICB5	8-759-004-80	s	IC MC74HCT374N
ICB6	8-759-202-98	s	IC TC74HC166P
ICB7	8-759-202-98	s	IC TC74HC166P
ICB8	8-759-202-98	s	IC TC74HC166P
ICB9	8-759-202-98	s	IC TC74HC166P
ICB10	8-759-202-98	s	IC TC74HC166P
ICB11	8-759-202-98	s	IC TC74HC166P
ICB12	8-759-202-98	s	IC TC74HC166P
ICB13	8-759-202-98	s	IC TC74HC166P
ICB14	8-759-203-36	s	IC TC74HC374P
ICB15	8-759-795-27	s	IC PAL16L8B-AP14201
ICB16	8-759-774-32	s	IC MB7232RA-AP14011
ICB17	8-759-202-99	s	IC TC74HC173P
ICB18	8-759-202-99	s	IC TC74HC173P
ICB19	8-759-202-84	s	IC TC74HC109P
ICB20	8-759-202-84	s	IC TC74HC109P
ICB21	8-759-202-74	s	IC TC74HC04P
ICB22	8-759-202-14	s	IC TC74HC08P
ICB23	8-759-202-84	s	IC TC74HC109P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AP-14 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICB24	8-759-202-84	s	IC TC74HC109P
ICB25	8-759-202-74	s	IC TC74HC04P
ICB26	8-759-202-14	s	IC TC74HC08P
ICB27	8-759-936-69	s	IC SN74ALS534N
ICB28	8-759-103-88	s	IC uPD82C43CY
ICB29	8-759-203-43	s	IC TC74HC534P
ICB30	8-759-004-80	s	IC MC74HCT374N
ICC1	8-759-202-55	s	IC TC74HC244P
ICC2	8-759-203-36	s	IC TC74HC374P
ICC3	8-759-203-36	s	IC TC74HC374P
ICC4	8-759-203-36	s	IC TC74HC374P
ICC5	8-759-004-80	s	IC MC74HCT374N
ICC6	8-759-202-98	s	IC TC74HC166P
ICC7	8-759-202-98	s	IC TC74HC166P
ICC8	8-759-202-98	s	IC TC74HC166P
ICC9	8-759-202-98	s	IC TC74HC166P
ICC10	8-759-202-98	s	IC TC74HC166P
ICC11	8-759-202-98	s	IC TC74HC166P
ICC12	8-759-202-98	s	IC TC74HC166P
ICC13	8-759-202-98	s	IC TC74HC166P
ICC14	8-759-001-31	s	IC MC74HC151N
ICC17	8-759-001-31	s	IC MC74HC151N
ICC18	8-759-001-31	s	IC MC74HC151N
ICC19	8-759-203-36	s	IC TC74HC374P
ICC20	8-759-795-23	s	IC PAL16R6B-AP14211
ICC21	8-759-004-80	s	IC MC74HCT374N
ICC22	8-759-004-80	s	IC MC74HCT374N
ICC23	8-759-795-26	s	IC PAL16L8B-AP14221
ICC24	8-759-112-31	s	IC uPD4311C-35
ICC25	8-759-912-48	s	IC SN74ALS874NT
ICC26	8-759-203-36	s	IC TC74HC374P
ICC27	8-759-203-36	s	IC TC74HC374P
ICC28	8-759-203-36	s	IC TC74HC374P
ICC29	8-759-203-36	s	IC TC74HC374P
ICC30	8-759-202-33	s	IC TC74HC240P
ICC31	8-759-203-54	s	IC TC74HC640P
ICD2	8-759-203-36	s	IC TC74HC374P
ICD3	8-759-203-36	s	IC TC74HC374P
ICD7	8-759-774-54	s	IC MB7118H-AP14021
ICD8	8-759-918-33	s	IC CX20160
ICD9	8-759-918-33	s	IC CX20160
ICD10	8-759-112-37	s	IC uPD41101C-3
ICD11	8-759-202-74	s	IC TC74HC04P
ICD12	8-759-203-36	s	IC TC74HC374P
ICD13	8-759-001-31	s	IC MC74HC151N
ICD14	8-752-304-30	s	IC CX23043
ICD15	8-759-786-29	s	IC MBM27C256A-AP14111
ICD16	8-752-304-30	s	IC CX23043
ICD18	8-759-786-29	s	IC MBM27C256A-AP14111
ICD19	8-752-304-30	s	IC CX23043
ICD20	8-752-304-30	s	IC CX23043
ICD21	8-759-795-23	s	IC PAL16R8B-AP14231
ICD22	8-752-304-30	s	IC CX23043
ICD23	8-752-304-30	s	IC CX23043
ICD24	8-752-304-30	s	IC CX23043
ICD25	8-752-304-30	s	IC CX23043
ICD26	8-752-304-30	s	IC CX23043
ICD27	8-752-304-30	s	IC CX23043
ICD28	8-752-304-30	s	IC CX23043
ICD29	8-752-304-30	s	IC CX23043
ICD30	8-759-203-61	s	IC TC74HC688P
ICD31	8-759-202-33	s	IC TC74HC240P
ICE1	8-759-203-36	s	IC TC74HC374P
ICE2	8-759-203-36	s	IC TC74HC374P
ICE3	8-759-203-36	s	IC TC74HC374P
ICE4	8-759-203-36	s	IC TC74HC374P
ICE5	8-759-203-36	s	IC TC74HC374P
ICE6	8-759-203-36	s	IC TC74HC374P
ICE7	8-759-203-36	s	IC TC74HC374P
ICE8	8-759-203-36	s	IC TC74HC374P

(AP-14 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICE9	8-759-203-36	s	IC TC74HC374P
ICE10	8-759-203-36	s	IC TC74HC374P
ICE11	8-759-203-36	s	IC TC74HC374P
ICE12	8-759-203-36	s	IC TC74HC374P
ICE13	8-759-203-36	s	IC TC74HC374P
ICE14	8-752-304-30	s	IC CX23043
ICE15	8-759-004-80	s	IC MC74HCT374N
ICE16	8-759-202-32	s	IC TC74HC163P
ICE17	8-759-004-80	s	IC MC74HCT374N
ICE18	8-759-202-32	s	IC TC74HC163P
ICE19	8-759-202-75	s	IC TC74HCT04P
ICE20	8-759-202-74	s	IC TC74HC04P
ICE21	8-759-202-74	s	IC TC74HC04P
ICE22	8-759-202-11	s	IC TC74HC00P
ICE23	8-759-202-12	s	IC TC74HC02P
ICE24	8-759-202-14	s	IC TC74HC08P
ICE25	8-759-000-99	s	IC MC74HC74N
ICE26	8-759-202-11	s	IC TC74HC00P
ICE27	8-759-202-74	s	IC TC74HC04P
ICE28	8-759-202-11	s	IC TC74HC00P
ICE29	8-759-936-69	s	IC SN74ALS534N
ICE30	8-759-004-80	s	IC MC74HCT374N
ICE31	8-759-913-63	s	IC SN74ALS374N
ICF1	8-759-918-33	s	IC CX20160
ICF2	8-759-918-33	s	IC CX20160
ICF3	8-759-774-03	s	IC MB7132HSK-AP14031
ICF4	8-759-004-80	s	IC MC74HCT374N
ICF5	8-759-004-80	s	IC MC74HCT374N
ICF6	8-759-004-80	s	IC MC74HCT374N
ICF7	8-759-004-80	s	IC MC74HCT374N
ICF8	8-759-004-80	s	IC MC74HCT374N
ICF9	8-759-004-80	s	IC MC74HCT374N
ICF10	8-759-004-80	s	IC MC74HCT374N
ICF11	8-759-004-80	s	IC MC74HCT374N
ICF12	8-759-202-74	s	IC TC74HC04P
ICF13	8-759-912-48	s	IC SN74ALS874NT
ICF14	8-759-795-25	s	IC PAL16R8B-AP14241
ICF15	8-759-203-61	s	IC TC74HC688P
ICF16	8-759-774-74	s	IC MB7138HSK-AP14041
ICF17	8-759-203-36	s	IC TC74HC374P
ICF18	8-752-304-30	s	IC CX23043
ICF19	8-752-304-30	s	IC CX23043
ICF20	8-759-774-33	s	IC MB7232RA-AP14051
ICF22	8-759-202-74	s	IC TC74HC04P
ICF23	8-752-304-30	s	IC CX23043
ICF25	8-759-786-30	s	IC MBM27C256A-AP14121
ICF26	8-759-203-36	s	IC TC74HC374P
ICF27	8-759-203-01	s	IC TC74HC175P
ICF28	8-759-900-00	s	IC SN74LS00N
ICF29	8-759-900-69	s	IC SN74ALS74AN
ICF30	8-759-900-04	s	IC SN74LS04N
ICF31	8-759-926-32	s	IC AM26LS32PC
ICG1	8-759-912-48	s	IC SN74ALS874NT
ICG3	8-759-912-48	s	IC SN74ALS874NT
ICG4	8-759-912-48	s	IC SN74ALS874NT
ICG5	8-759-912-48	s	IC SN74ALS874NT
ICG6	8-759-912-48	s	IC SN74ALS874NT
ICG7	8-759-202-21	s	IC TC74HC32P
ICG8	8-759-202-21	s	IC TC74HC32P
ICG9	8-759-795-25	s	IC PAL16R8B-AP14251
ICG10	8-759-202-32	s	IC TC74HC163P
ICG11	8-759-202-74	s	IC TC74HC04P
ICG12	8-759-775-02	s	IC MB7122H-AP14061
ICG13	8-759-202-99	s	IC TC74HC173P
ICG14	8-759-001-39	s	IC MC74HC164N
ICG15	8-752-304-30	s	IC CX23043
ICG16	8-759-004-80	s	IC MC74HCT374N
ICG17	8-759-004-80	s	IC MC74HCT374N
ICG18	8-752-322-10	s	IC CXK5814P-45L
ICG19	8-759-202-32	s	IC TC74HC163P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AP-14 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICG20	8-759-912-48	s	IC SN74ALS874NT
ICG22	8-759-202-99	s	IC TC74HC173P
ICG23	8-759-000-99	s	IC MC74HC74N
ICG24	8-759-774-34	s	IC MB7232RA-AP14071
ICG25	8-759-004-80	s	IC MC74HCT374N
ICG26	8-759-112-21	s	IC uPD4314C-35
ICG27	8-759-202-14	s	IC TC74HC08P
ICG28	8-759-202-74	s	IC TC74HC04P
ICG30	8-759-912-48	s	IC SN74ALS874NT
ICG31	8-759-913-63	s	IC SN74ALS374N
ICH13	8-759-203-62	s	IC TC74HC4002P
ICH14	8-759-203-75	s	IC TC74HC4075P
ICH22	8-759-202-75	s	IC TC74HCT04P
ICH23	8-759-203-36	s	IC TC74HC374P
ICH25	8-759-202-99	s	IC TC74HC173P
ICH27	8-759-202-32	s	IC TC74HC163P
ICH28	8-759-202-32	s	IC TC74HC163P
ICH30	8-759-900-69	s	IC SN74ALS74AN
ICH31	8-759-913-63	s	IC SN74ALS374N
ICJ1	8-752-304-30	s	IC CX23043
ICJ3	8-759-203-61	s	IC TC74HC688P
ICJ4	8-759-202-75	s	IC TC74HCT04P
ICJ5	8-759-202-21	s	IC TC74HC32P
ICJ6	8-759-203-52	s	IC TC74HC595P
ICJ7	8-759-202-26	s	IC TC74HC138P
ICJ8	8-759-775-35	s	IC MBM27C32-AP14131
ICJ10	8-759-776-83	s	IC MBM27C32A-AP14142
ICJ11	8-759-203-36	s	IC TC74HC374P
ICJ12	8-759-004-80	s	IC MC74HCT374N
ICJ13	8-759-202-12	s	IC TC74HC02P
ICJ14	8-759-202-24	s	IC TC74HC86P
ICJ15	8-759-203-61	s	IC TC74HC688P
ICJ16	8-759-774-74	s	IC MB7138HSK-AP14041
ICJ17	8-759-203-36	s	IC TC74HC374P
ICJ18	8-752-304-30	s	IC CX23043
ICJ19	8-752-304-30	s	IC CX23043
ICJ20	8-759-774-35	s	IC MB7232RA-AP14081
ICJ21	8-759-774-11	s	IC MB7226RA-AP14091
ICJ23	8-759-112-31	s	IC uPD4311C-35
ICJ24	8-759-112-21	s	IC uPD4314C-35
ICJ25	8-759-004-63	s	IC MC74HC125N
ICJ26	8-752-304-30	s	IC CX23043
ICJ27	8-752-304-30	s	IC CX23043
ICJ28	8-752-304-30	s	IC CX23043
ICJ29	8-752-304-30	s	IC CX23043
ICJ30	8-759-913-63	s	IC SN74ALS374N
ICK1	8-752-304-30	s	IC CX23043
ICK2	8-752-304-30	s	IC CX23043
ICK3	8-752-304-30	s	IC CX23043
ICK4	8-752-304-30	s	IC CX23043
ICK5	8-752-304-30	s	IC CX23043
ICK6	8-752-304-30	s	IC CX23043
ICK7	8-752-304-30	s	IC CX23043
ICK8	8-752-304-30	s	IC CX23043
ICK9	8-759-004-82	s	IC MC74HCT534N
ICK10	8-759-004-82	s	IC MC74HCT534N
ICK11	8-759-112-31	s	IC uPD4311C-35
ICK12	8-759-112-18	s	IC uPD4362C-45
ICK13	8-759-202-99	s	IC TC74HC173P
ICK14	8-759-001-39	s	IC MC74HC164N
ICK15	8-752-304-30	s	IC CX23043
ICK16	8-759-004-80	s	IC MC74HCT374N
ICK17	8-759-004-80	s	IC MC74HCT374N
ICK18	8-752-322-10	s	IC CXK5814P-45L
ICK19	8-759-202-32	s	IC TC74HC163P
ICK20	8-759-912-48	s	IC SN74ALS874NT
ICK23	8-752-304-30	s	IC CX23043
ICK24	8-759-202-21	s	IC TC74HC32P
ICK25	8-759-795-21	s	IC PAL16R4B-AP14261
ICK26	8-759-004-80	s	IC MC74HCT374N

(AP-14 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICK27	8-759-786-31	s	IC MBM27C256A-AP14151
ICK29	8-759-786-32	s	IC MBM27C256A-AP14161
ICK30	8-759-004-80	s	IC MC74HCT374N
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-495-00	s	RESISTOR BLOCK, 270X4
RB2	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB7	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB8	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB9	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB12	1-231-549-11	s	RESISTOR BLOCK, 47KX4
RB13	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB14	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB15	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB16	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB17	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB18	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB22	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB23	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB26	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB27	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB28	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB29	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB30	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB31	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB32	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB33	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB34	1-231-410-00	s	RESISTOR BLOCK, 10KX8
S1	1-553-925-00	s	SWITCH, ROTARY
S2	1-553-925-00	s	SWITCH, ROTARY
S3	1-553-925-00	s	SWITCH, ROTARY
S4	1-553-925-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

AT-45 BOARD, DVPC-1000

#10001 TO 10599 (J)
#10001 TO 10799 (UC)
#10001 TO 10799 (EK)

Ref No. or Qty	Part No.	SP	Description
1pc	A-6013-083-A	o	COMPLETE PCB, AT-45
(This assembly includes the following parts.)			
1pc	3-715-840-01	o	CASE, SHIELD AT
1pc	4-879-127-00	o	SHAFT (A), FITTING, CASE
1pc	7-682-647-09	s	SCREW +PS 3X6
11pcs	7-682-648-09	s	SCREW +PS 3X8
11pcs	7-684-023-04	s	N 3, TYPE 2
11pcs	7-628-254-10	s	SCREW, +PSW 2.6X6
C2	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C4	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C6	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C8	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C9	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C11	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C13	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C16	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C17	1-123-333-00	s	CAP, ELECT 100uF 20% 25V
C101	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C102	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C104	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C105	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C108	1-109-537-00	s	CAP, MICA 120PF 5% 100V
C109	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C111	1-124-611-00	s	CAP, ELECT, NONPOLAR 1uF 20% 100V
C112	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C115	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C116	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C118	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C121	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C122	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C125	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C201	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C202	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C204	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C205	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C208	1-109-537-00	s	CAP, MICA 120PF 5% 100V
C209	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C211	1-124-611-00	s	CAP, ELECT, NONPOLAR 1uF 20% 100V
C212	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C215	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C216	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C218	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C221	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C222	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C225	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C301	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C302	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C304	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C305	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C308	1-109-537-00	s	CAP, MICA 120PF 5% 100V
C309	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C311	1-124-611-00	s	CAP, ELECT, NONPOLAR 1uF 20% 100V
C312	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C315	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C316	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C318	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C321	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C322	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C325	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C401	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C402	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C404	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C405	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C408	1-109-537-00	s	CAP, MICA 120PF 5% 100V
C409	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C411	1-124-611-00	s	CAP, ELECT, NONPOLAR 1uF 20% 100V
C412	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C415	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C416	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C418	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C421	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C422	1-124-944-11	s	CAP, ELECT 82uF 20% 25V

(AT-45 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10799 (UC)
#10001 TO 10799 (EK)

Ref No. or Qty	Part No.	SP	Description
C425	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C501	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C504	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C505	1-124-187-11	s	CAP, ELECT, NONPOLAR 22uF 20% 50V
C506	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C601	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C604	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C605	1-124-187-11	s	CAP, ELECT, NONPOLAR 22uF 20% 50V
C606	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
C701	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C704	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C705	1-124-187-11	s	CAP, ELECT, NONPOLAR 22uF 20% 50V
C706	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20% 50V
CN050M	1-560-177-00	o	RECEP, 4P, MALE
CN301M	1-560-303-00	o	RECEP, IL 6P, MALE
CN302M	1-560-303-00	o	RECEP, IL 6P, MALE
CN303M	1-560-304-00	o	RECEP, IL 8P, MALE
CN304M	1-560-304-00	o	RECEP, IL 8P, MALE
CN305M	1-560-300-00	o	RECEP, IL 3P, MALE
CN306M	1-560-300-00	o	RECEP, IL 3P, MALE
CN307M	1-560-300-00	o	RECEP, IL 3P, MALE
CN308M	1-560-300-00	o	RECEP, IL 3P, MALE
CN309M	1-560-300-00	o	RECEP, IL 3P, MALE
CN310M	1-560-300-00	o	RECEP, IL 3P, MALE
D1	8-719-815-55	s	DIODE 1S1555
D2	8-719-815-55	s	DIODE 1S1555
D3	8-719-815-55	s	DIODE 1S1555
D101	8-719-815-55	s	DIODE 1S1555
D201	8-719-815-55	s	DIODE 1S1555
D301	8-719-815-55	s	DIODE 1S1555
D401	8-719-815-55	s	DIODE 1S1555
D501	8-719-815-55	s	DIODE 1S1555
D601	8-719-815-55	s	DIODE 1S1555
D701	8-719-815-55	s	DIODE 1S1555
IC1	8-759-171-15	s	IC uPC7815H
IC2	8-759-179-15	s	IC uPC7915H
IC3	8-759-171-15	s	IC uPC7815H
IC101	8-759-900-72	s	IC NE5532P
IC102	8-759-900-72	s	IC NE5532P
IC103	8-759-171-15	s	IC uPC7815H
IC104	8-759-179-15	s	IC uPC7915H
IC201	8-759-900-72	s	IC NE5532P
IC202	8-759-900-72	s	IC NE5532P
IC203	8-759-171-15	s	IC uPC7815H
IC204	8-759-179-15	s	IC uPC7915H
IC301	8-759-900-72	s	IC NE5532P
IC302	8-759-900-72	s	IC NE5532P
IC303	8-759-171-15	s	IC uPC7815H
IC304	8-759-179-15	s	IC uPC7915H
IC401	8-759-900-72	s	IC NE5532P
IC402	8-759-900-72	s	IC NE5532P
IC403	8-759-171-15	s	IC uPC7815H
IC404	8-759-179-15	s	IC uPC7915H
IC501	8-759-745-60	s	IC NJM4560D
IC601	8-759-745-60	s	IC NJM4560D
IC701	8-759-745-60	s	IC NJM4560D
JP101	1-560-733-00	s	PIN, SHORT
JP102	1-560-733-00	s	PIN, SHORT
JP201	1-560-733-00	s	PIN, SHORT
JP202	1-560-733-00	s	PIN, SHORT
JP301	1-560-733-00	s	PIN, SHORT
JP302	1-560-733-00	s	PIN, SHORT
JP401	1-560-733-00	s	PIN, SHORT
JP402	1-560-733-00	s	PIN, SHORT
JS102	1-561-832-00	s	SOCKET, SHORT
JS202	1-561-832-00	s	SOCKET, SHORT
JS302	1-561-832-00	s	SOCKET, SHORT
JS402	1-561-832-00	s	SOCKET, SHORT
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AT-45 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10799 (UC)
#10001 TO 10799 (EK)

Ref. No. or Qty	Part No.	SP	Description
Q1	8-729-600-27	s	TRANSISTOR 2SC2603-G
Q2	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q3	8-729-600-27	s	TRANSISTOR 2SC2603-G
Q4	8-729-600-27	s	TRANSISTOR 2SC2603-G
Q101	8-729-307-58	s	TRANSISTOR 2SC1775A
Q102	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q103	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q104	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q105	8-729-307-58	s	TRANSISTOR 2SC1775A
Q106	8-729-307-58	s	TRANSISTOR 2SC1775A
Q107	8-729-316-22	s	TRANSISTOR 2SC1162-C
Q108	8-729-371-52	s	TRANSISTOR 2SA715
Q109	8-729-900-36	s	TRANSISTOR DTC124ES
Q201	8-729-307-58	s	TRANSISTOR 2SC1775A
Q202	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q203	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q204	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q205	8-729-307-58	s	TRANSISTOR 2SC1775A
Q206	8-729-307-58	s	TRANSISTOR 2SC1775A
Q207	8-729-316-22	s	TRANSISTOR 2SC1162-C
Q208	8-729-371-52	s	TRANSISTOR 2SA715
Q209	8-729-900-36	s	TRANSISTOR DTC124ES
Q301	8-729-307-58	s	TRANSISTOR 2SC1775A
Q302	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q303	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q304	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q305	8-729-307-58	s	TRANSISTOR 2SC1775A
Q306	8-729-307-58	s	TRANSISTOR 2SC1775A
Q307	8-729-316-22	s	TRANSISTOR 2SC1162-C
Q308	8-729-371-52	s	TRANSISTOR 2SA715
Q309	8-729-900-36	s	TRANSISTOR DTC124ES
Q401	8-729-307-58	s	TRANSISTOR 2SC1775A
Q402	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q403	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q404	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q405	8-729-307-58	s	TRANSISTOR 2SC1775A
Q406	8-729-307-58	s	TRANSISTOR 2SC1775A
Q407	8-729-316-22	s	TRANSISTOR 2SC1162-C
Q408	8-729-371-52	s	TRANSISTOR 2SA715
Q409	8-729-900-36	s	TRANSISTOR DTC124ES
Q501	8-729-900-36	s	TRANSISTOR DTC124ES
Q601	8-729-900-36	s	TRANSISTOR DTC124ES
Q701	8-729-900-36	s	TRANSISTOR DTC124ES
R1	1-247-727-11	s	RES, CARBON 10 5% 1/2W
R115	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R116	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R121	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R215	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R216	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R221	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R315	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R316	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R321	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R415	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R416	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R421	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R510	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R610	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R710	1-247-737-11	s	RES, CARBON 68 5% 1/2W
RV101	1-230-748-11	s	RES, VAR, CERMET 2K
RV201	1-230-748-11	s	RES, VAR, CERMET 2K
RV301	1-230-748-11	s	RES, VAR, CERMET 2K
RV401	1-230-748-11	s	RES, VAR, CERMET 2K
RV501	1-224-940-00	s	RES, VAR, METAL 10K
RV601	1-224-940-00	s	RES, VAR, METAL 10K
RV701	1-224-940-00	s	RES, VAR, METAL 10K
RY101	1-515-547-11	s	RELAY
RY201	1-515-547-11	s	RELAY
RY301	1-515-547-11	s	RELAY
RY401	1-515-547-11	s	RELAY

(AT-45 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10799 (UC)
#10001 TO 10799 (EK)

Ref. No. or Qty	Part No.	SP	Description
RY501	1-515-547-11	s	RELAY
RY601	1-515-547-11	s	RELAY
RY701	1-515-547-11	s	RELAY
T101	1-427-570-11	s	TRANSFORMER, AUDIO OUTPUT
T201	1-427-570-11	s	TRANSFORMER, AUDIO OUTPUT
T301	1-427-570-11	s	TRANSFORMER, AUDIO OUTPUT
T401	1-427-570-11	s	TRANSFORMER, AUDIO OUTPUT
T501	1-427-456-00	s	TRANSFORMER, INPUT/OUTPUT
T601	1-427-456-00	s	TRANSFORMER, INPUT/OUTPUT
T701	1-427-456-00	s	TRANSFORMER, INPUT/OUTPUT

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

AT-45 BOARD, DVPC-1000

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6013-083-A	o	COMPLETE PCB, AT-45
(This assembly inclues the following parts.)			
1pc	3-715-840-01	o	CASE, SHILD AT-45
5pcs	4-352-844-01	s	PIN, LEAD, COATING
1pc	4-879-127-00	o	SHAFT (A), FITTING, CASE
6pc	7-628-253-20	s	SCREW +PS 2X6
16pcs	7-628-254-10	s	+PSW, 2.6X6
1pc	7-682-647-09	s	SCREW +PS 3X6
11pcs	7-682-648-09	s	SCREW +PS 3X8
11pcs	7-684-023-04	s	N 3, TYPE 2
C2	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C4	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C6	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C8	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C9	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C11	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C13	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C16	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C17	1-123-333-00	s	CAP, ELECT 100uF 20% 25V
C101	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C102	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C104	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C105	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C108	1-109-537-00	s	CAP, MICA 120PF 5% 100V
C109	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C111	1-124-611-00	s	CAP, ELECT, NONPOLAR 1uF 20%
C112	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C115	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C116	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C118	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C121	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C122	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C125	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C201	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C202	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C204	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C205	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C208	1-109-537-00	s	CAP, MICA 120PF 5% 100V
C209	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C211	1-124-611-00	s	CAP, ELECT, NONPOLAR 1uF 20%
C212	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C215	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C216	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C218	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C221	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C222	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C225	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C301	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C302	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C304	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C305	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C308	1-109-537-00	s	CAP, MICA 120PF 5% 100V
C309	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C311	1-124-611-00	s	CAP, ELECT, NONPOLAR 1uF 20%
C312	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C315	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C316	1-123-336-00	s	CAP, ELECT 470uF 20% 25V

(AT-45 BOARD, DVPC-1000)

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
C318	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C321	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C322	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C325	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C401	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C402	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C404	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C405	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C408	1-109-537-00	s	CAP, MICA 120PF 5% 100V
C409	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C411	1-124-611-00	s	CAP, ELECT, NONPOLAR 1uF 20%
C412	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C415	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C416	1-123-336-00	s	CAP, ELECT 470uF 20% 25V
C418	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C421	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C422	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C425	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C501	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C504	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C505	1-124-187-11	s	CAP, ELECT, NONPOLAR 22uF 20%
C506	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C601	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C604	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C605	1-124-187-11	s	CAP, ELECT, NONPOLAR 22uF 20%
C606	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
C701	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C704	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C705	1-124-187-11	s	CAP, ELECT, NONPOLAR 22uF 20%
C706	1-124-657-00	s	CAP, ELECT, NONPOLAR 10uF 20%
CN050	1-560-177-00	o	RECEP, 4P, MALE
CN301	1-560-303-00	o	RECEP, IL 6P, MALE
CN302	1-560-303-00	o	RECEP, IL 6P, MALE
CN303	1-560-304-00	o	RECEP, IL 8P, MALE
CN304	1-560-304-00	o	RECEP, IL 8P, MALE
CN305	1-560-300-00	o	RECEP, IL 3P, MALE
CN306	1-560-300-00	o	RECEP, IL 3P, MALE
CN307	1-560-300-00	o	RECEP, IL 3P, MALE
CN308	1-560-300-00	o	RECEP, IL 3P, MALE
CN309	1-560-300-00	o	RECEP, IL 3P, MALE
CN310	1-560-300-00	o	RECEP, IL 3P, MALE
D1	8-719-815-55	s	DIODE 1S1555
D2	8-719-815-55	s	DIODE 1S1555
D3	8-719-815-55	s	DIODE 1S1555
D101	8-719-815-55	s	DIODE 1S1555
D201	8-719-815-55	s	DIODE 1S1555
D301	8-719-815-55	s	DIODE 1S1555
D401	8-719-815-55	s	DIODE 1S1555
D501	8-719-815-55	s	DIODE 1S1555
D601	8-719-815-55	s	DIODE 1S1555
D701	8-719-815-55	s	DIODE 1S1555
IC1	8-759-171-15	s	IC UPC7815H
IC2	8-759-179-15	s	IC UPC7915H
IC3	8-759-171-15	s	IC UPC7815H
IC101	8-759-900-72	s	IC NE5532P
IC102	8-759-900-72	s	IC NE5532P
IC103	8-759-171-15	s	IC UPC7815H
IC104	8-759-179-15	s	IC UPC7915H
IC201	8-759-900-72	s	IC NE5532P
IC202	8-759-900-72	s	IC NE5532P
IC203	8-759-171-15	s	IC UPC7815H
IC204	8-759-179-15	s	IC UPC7915H
IC301	8-759-900-72	s	IC NE5532P
IC302	8-759-900-72	s	IC NE5532P
IC303	8-759-171-15	s	IC UPC7815H
IC304	8-759-179-15	s	IC UPC7915H
IC401	8-759-900-72	s	IC NE5532P
IC402	8-759-900-72	s	IC NE5532P
IC403	8-759-171-15	s	IC UPC7815H
IC404	8-759-179-15	s	IC UPC7915H

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AT-45 BOARD, DVPC-1000)

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
IC501	8-759-745-60	s	IC NJM4560D
IC601	8-759-745-60	s	IC NJM4560D
IC701	8-759-745-60	s	IC NJM4560D
JP101	1-566-385-11	s	PIN, CONNECTOR 2P
JP102	1-566-385-11	s	PIN, CONNECTOR 2P
JP201	1-566-385-11	s	PIN, CONNECTOR 2P
JP202	1-566-385-11	s	PIN, CONNECTOR 2P
JP301	1-566-385-11	s	PIN, CONNECTOR 2P
JP302	1-566-385-11	s	PIN, CONNECTOR 2P
JP401	1-566-385-11	s	PIN, CONNECTOR 2P
JP402	1-566-385-11	s	PIN, CONNECTOR 2P
JS102	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS202	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS302	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS402	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
Q1	8-729-245-83	s	TRANSISTER 2SC2458-O
Q2	8-729-387-28	s	TRANSISTOR 2SA872-E
Q3	8-729-245-83	s	TRANSISTER 2SC2458-O
Q4	8-729-245-83	s	TRANSISTER 2SC2458-O
Q101	8-729-307-58	s	TRANSISTER 2SC1775A
Q102	8-729-387-28	s	TRANSISTOR 2SA872-E
Q103	8-729-387-28	s	TRANSISTOR 2SA872-E
Q104	8-729-387-28	s	TRANSISTOR 2SA872-E
Q105	8-729-307-58	s	TRANSISTER 2SC1775A
Q106	8-729-307-58	s	TRANSISTER 2SC1775A
Q107	8-729-316-22	s	TRANSISTOR 2SC1162-C
Q108	8-729-371-53	s	TRANSISTOR 2SA715
Q109	8-729-900-36	s	TRANSISTOR DTC124ES
Q201	8-729-307-58	s	TRANSISTER 2SC1775A
Q202	8-729-387-28	s	TRANSISTOR 2SA872-E
Q203	8-729-387-28	s	TRANSISTOR 2SA872-E
Q204	8-729-387-28	s	TRANSISTOR 2SA872-E
Q205	8-729-307-58	s	TRANSISTER 2SC1775A
Q206	8-729-307-58	s	TRANSISTER 2SC1775A
Q207	8-729-316-22	s	TRANSISTOR 2SC1162-C
Q208	8-729-371-53	s	TRANSISTOR 2SA715
Q209	8-729-900-36	s	TRANSISTOR DTC124ES
Q301	8-729-307-58	s	TRANSISTER 2SC1775A
Q302	8-729-387-28	s	TRANSISTOR 2SA872-E
Q303	8-729-387-28	s	TRANSISTOR 2SA872-E
Q304	8-729-387-28	s	TRANSISTOR 2SA872-E
Q305	8-729-307-58	s	TRANSISTER 2SC1775A
Q306	8-729-307-58	s	TRANSISTER 2SC1775A
Q307	8-729-316-22	s	TRANSISTOR 2SC1162-C
Q308	8-729-371-53	s	TRANSISTOR 2SA715
Q309	8-729-900-36	s	TRANSISTOR DTC124ES
Q401	8-729-307-58	s	TRANSISTER 2SC1775A
Q402	8-729-387-28	s	TRANSISTOR 2SA872-E
Q403	8-729-387-28	s	TRANSISTOR 2SA872-E
Q404	8-729-387-28	s	TRANSISTOR 2SA872-E
Q405	8-729-307-58	s	TRANSISTER 2SC1775A
Q406	8-729-307-58	s	TRANSISTER 2SC1775A
Q407	8-729-316-22	s	TRANSISTOR 2SC1162-C
Q408	8-729-371-53	s	TRANSISTOR 2SA715
Q409	8-729-900-36	s	TRANSISTOR DTC124ES
Q501	8-729-900-36	s	TRANSISTOR DTC124ES
Q601	8-729-900-36	s	TRANSISTOR DTC124ES
Q701	8-729-900-36	s	TRANSISTOR DTC124ES
R1	1-249-478-11	s	RES, CARBON 2.2 5% 1/2W
R115	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R116	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R121	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R215	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R216	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R221	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R315	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R316	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R321	1-247-737-11	s	RES, CARBON 68 5% 1/2W

(AT-45 BOARD, DVPC-1000)

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
R415	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R416	1-214-661-21	s	RES, METAL 1.5 1% 1/4W
R421	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R510	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R610	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R710	1-247-737-11	s	RES, CARBON 68 5% 1/2W
RV101	1-230-748-11	s	RES, VAR, CERMET 2K
RV201	1-230-748-11	s	RES, VAR, CERMET 2K
RV301	1-230-748-11	s	RES, VAR, CERMET 2K
RV401	1-230-748-11	s	RES, VAR, CERMET 2K
RV501	1-224-940-00	s	RES, VAR, METAL 10K
RV601	1-224-940-00	s	RES, VAR, METAL 10K
RV701	1-224-940-00	s	RES, VAR, METAL 10K
RY101	1-515-683-11	s	RELAY
RY201	1-515-683-11	s	RELAY
RY301	1-515-683-11	s	RELAY
RY401	1-515-683-11	s	RELAY
RY501	1-515-683-11	s	RELAY
RY601	1-515-683-11	s	RELAY
RY701	1-515-683-11	s	RELAY
T101	1-427-570-11	s	TRANSFORMER, AUDIO OUTPUT
T201	1-427-570-11	s	TRANSFORMER, AUDIO OUTPUT
T301	1-427-570-11	s	TRANSFORMER, AUDIO OUTPUT
T401	1-427-570-11	s	TRANSFORMER, AUDIO OUTPUT
T501	1-427-456-00	s	TRANSFORMER, INPUT/OUTPUT
T601	1-427-456-00	s	TRANSFORMER, INPUT/OUTPUT
T701	1-427-456-00	s	TRANSFORMER, INPUT/OUTPUT

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

AU-86 BOARD, DVPC-1000

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-005-A	o	COMPLETE PCB, AU-86
(This assembly includes the following parts.)			
1pc	3-715-721-41	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW 2.6X6
C3	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C5	1-130-479-00	s	CAP, MYLAR 0.0047uF 5% 50V
C6	1-109-557-00	s	CAP, MICA 680PF 5% 100V
C9	1-130-479-00	s	CAP, MYLAR 0.0047uF 5% 50V
C10	1-109-557-00	s	CAP, MICA 680PF 5% 100V
C13	1-130-479-00	s	CAP, MYLAR 0.0047uF 5% 50V
C14	1-109-557-00	s	CAP, MICA 680PF 5% 100V
C17	1-130-479-00	s	CAP, MYLAR 0.0047uF 5% 50V
C18	1-109-557-00	s	CAP, MICA 680PF 5% 100V
C23	1-130-493-00	s	CAP, MYLAR 0.068uF 5% 50V
C25	1-130-493-00	s	CAP, MYLAR 0.068uF 5% 50V
C27	1-130-493-00	s	CAP, MYLAR 0.068uF 5% 50V
C29	1-130-493-00	s	CAP, MYLAR 0.068uF 5% 50V
C106	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C107	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C108	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C113	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C114	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C115	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C116	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C119	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C120	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C121	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C122	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
CN1	1-560-733-00	s	PIN, SHORT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D9	8-719-400-35	s	DIODE LN35BP
D10	8-719-400-35	s	DIODE LN35BP
D11	8-719-400-35	s	DIODE LN35BP
D12	8-719-400-35	s	DIODE LN35BP
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A
IC1	8-759-901-23	s	IC SN74LS123N
IC2	8-759-903-93	s	IC SN74LS393N
IC3	8-759-901-23	s	IC SN74LS123N
IC4	8-759-903-93	s	IC SN74LS393N
IC5	8-759-901-23	s	IC SN74LS123N
IC6	8-759-903-93	s	IC SN74LS393N
IC7	8-759-901-23	s	IC SN74LS123N
IC8	8-759-903-93	s	IC SN74LS393N
IC9	8-759-202-74	s	IC TC74HC04P
IC10	8-759-912-48	s	IC SN74ALS874NT
IC11	8-759-202-75	s	IC TC74HCT04P
ICA1	8-759-906-24	s	IC SN74LS624N
ICA2	8-759-040-44	s	IC MC4044P
ICA3	8-759-915-26	s	IC CX23053
ICA4	8-759-906-24	s	IC SN74LS624N
ICA5	8-759-040-44	s	IC MC4044P
ICA6	8-759-915-26	s	IC CX23053
ICA7	8-759-906-24	s	IC SN74LS624N
ICA8	8-759-040-44	s	IC MC4044P
ICA9	8-759-915-26	s	IC CX23053
ICA10	8-759-906-24	s	IC SN74LS624N
ICA11	8-759-040-44	s	IC MC4044P
ICA12	8-759-915-26	s	IC CX23053
ICA13	8-759-912-48	s	IC SN74ALS874NT
ICA14	8-752-304-30	s	IC CX23043
ICA15	8-752-304-30	s	IC CX23043
ICA16	8-759-901-38	s	IC SN74LS138N
ICA17	8-759-901-66	s	IC SN74LS166AN
ICA18	8-759-901-66	s	IC SN74LS166AN
ICA19	8-759-202-12	s	IC TC74HC02P
ICA20	8-759-202-89	s	IC TC74HC139P
ICA21	8-759-202-14	s	IC TC74HC08P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AU-86 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICA22	8-759-901-25	s	IC SN74LS125AN
ICA23	8-759-901-25	s	IC SN74LS125AN
ICA24	8-759-901-25	s	IC SN74LS125AN
ICA25	8-759-912-12	s	IC SN74ALS240AN
ICB1	8-759-000-99	s	IC MC74HC74N
ICB2	8-759-202-75	s	IC TC74HCT04P
ICB3	8-759-202-74	s	IC TC74HC04P
ICB4	8-759-000-99	s	IC MC74HC74N
ICB5	8-759-202-74	s	IC TC74HC04P
ICB6	8-759-202-75	s	IC TC74HCT04P
ICB7	8-759-000-99	s	IC MC74HC74N
ICB8	8-759-202-74	s	IC TC74HC04P
ICB9	8-759-202-74	s	IC TC74HC04P
ICB10	8-759-000-99	s	IC MC74HC74N
ICB11	8-759-202-74	s	IC TC74HC04P
ICB12	8-759-000-99	s	IC MC74HC74N
ICB13	8-759-774-50	s	IC MB7114H-AU86011
ICB14	8-759-912-48	s	IC SN74ALS874NT
ICB15	8-759-004-63	s	IC MC74HC125N
ICB16	8-759-776-05	s	IC MBM27C256-AU86101
ICB19	8-759-900-69	s	IC SN74ALS74AN
ICB20	8-759-904-14	s	IC SN74ALS04AN
ICB23	8-759-778-04	s	IC MBL8742H-AU861111
ICB24	8-759-203-61	s	IC TC74HC688P
ICB25	8-759-202-33	s	IC TC74HC240P
ICC1	8-759-202-32	s	IC TC74HC163P
ICC2	8-759-202-11	s	IC TC74HC00P
ICC3	8-759-000-99	s	IC MC74HC74N
ICC4	8-759-202-32	s	IC TC74HC163P
ICC5	8-759-202-24	s	IC TC74HC86P
ICC6	8-759-202-74	s	IC TC74HC04P
ICC7	8-759-202-32	s	IC TC74HC163P
ICC8	8-759-202-11	s	IC TC74HC00P
ICC9	8-759-000-99	s	IC MC74HC74N
ICC10	8-759-202-32	s	IC TC74HC163P
ICC11	8-759-202-24	s	IC TC74HC86P
ICC12	8-759-202-74	s	IC TC74HC04P
ICC13	8-759-202-32	s	IC TC74HC163P
ICC14	8-759-112-21	s	IC uPD4314C-35
ICC15	8-759-202-15	s	IC TC74HC10P
ICC16	8-759-000-99	s	IC MC74HC74N
ICC17	8-759-202-74	s	IC TC74HC04P
ICC18	8-759-103-88	s	IC uPD82C43CY
ICC19	8-759-103-88	s	IC uPD82C43CY
ICC20	8-759-103-88	s	IC uPD82C43CY
ICC21	8-759-103-88	s	IC uPD82C43CY
ICC24	8-759-203-54	s	IC TC74HC640P
ICC25	8-759-202-33	s	IC TC74HC240P
ICD1	8-759-001-39	s	IC MC74HC164N
ICD2	8-759-790-00	s	IC VP16V8E-AU86201
ICD3	8-759-202-14	s	IC TC74HC08P
ICD4	8-759-001-39	s	IC MC74HC164N
ICD5	8-759-790-00	s	IC VP16V8E-AU86201
ICD6	8-759-000-99	s	IC MC74HC74N
ICD7	8-759-001-39	s	IC MC74HC164N
ICD8	8-759-790-00	s	IC VP16V8E-AU86201
ICD9	8-759-202-14	s	IC TC74HC08P
ICD10	8-759-001-39	s	IC MC74HC164N
ICD11	8-759-790-00	s	IC VP16V8E-AU86201
ICD12	8-759-000-99	s	IC MC74HC74N
ICD13	8-752-304-30	s	IC CX23043
ICD14	8-759-004-80	s	IC MC74HCT374N
ICD15	8-759-912-48	s	IC SN74ALS874NT
ICD16	8-759-912-48	s	IC SN74ALS874NT
ICD17	8-759-203-18	s	IC TC74HC253P
ICD18	8-759-203-18	s	IC TC74HC253P
ICD19	8-759-004-63	s	IC MC74HC125N
ICD20	8-759-202-74	s	IC TC74HC04P
ICD21	8-759-202-74	s	IC TC74HC04P
ICD22	8-759-202-75	s	IC TC74HCT04P
ICD23	8-752-304-30	s	IC CX23043
ICD24	8-752-304-30	s	IC CX23043
ICD25	8-759-900-69	s	IC SN74ALS74AN
ICE1	8-759-203-76	s	IC TC74HC4078P
ICE2	8-759-203-01	s	IC TC74HC175P

(AU-86 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICE3	8-759-202-21	s	IC TC74HC32P
ICE4	8-759-203-76	s	IC TC74HC4078P
ICE5	8-759-203-01	s	IC TC74HC175P
ICE6	8-759-202-21	s	IC TC74HC32P
ICE7	8-759-203-76	s	IC TC74HC4078P
ICE8	8-759-203-01	s	IC TC74HC175P
ICE9	8-759-202-21	s	IC TC74HC32P
ICE10	8-759-203-76	s	IC TC74HC4078P
ICE11	8-759-203-01	s	IC TC74HC175P
ICE12	8-759-202-21	s	IC TC74HC32P
ICE14	8-759-774-31	s	IC MB7232RA-AU86021
ICE15	8-759-202-34	s	IC TC74HC257P
ICE16	8-759-202-34	s	IC TC74HC257P
ICE17	8-759-203-50	s	IC TC74HC574P
ICE18	8-759-112-31	s	IC uPD4311C-35
ICE19	8-759-202-99	s	IC TC74HC173P
ICE20	8-759-202-75	s	IC TC74HCT04P
ICE21	8-759-000-99	s	IC MC74HC74N
ICE22	8-759-900-00	s	IC SN74LS00N
ICE23	8-759-900-69	s	IC SN74ALS74AN
ICE24	8-759-900-04	s	IC SN74LS04N
ICE25	8-759-926-32	s	IC AM26LS32PC
ICF1	8-759-000-99	s	IC MC74HC74N
ICF2	8-759-202-74	s	IC TC74HC04P
ICF3	8-759-202-99	s	IC TC74HC173P
ICF4	8-759-000-99	s	IC MC74HC74N
ICF5	8-759-202-74	s	IC TC74HC04P
ICF6	8-759-202-99	s	IC TC74HC173P
ICF7	8-759-000-99	s	IC MC74HC74N
ICF8	8-759-202-74	s	IC TC74HC04P
ICF9	8-759-202-99	s	IC TC74HC173P
ICF10	8-759-000-99	s	IC MC74HC74N
ICF11	8-759-202-74	s	IC TC74HC04P
ICF12	8-759-202-99	s	IC TC74HC173P
ICF13	8-759-112-21	s	IC uPD4314C-35
ICF14	8-759-112-21	s	IC uPD4314C-35
ICF15	8-759-202-34	s	IC TC74HC257P
ICF16	8-759-202-34	s	IC TC74HC257P
ICF17	8-759-203-50	s	IC TC74HC574P
ICF18	8-759-112-31	s	IC uPD4311C-35
ICF19	8-759-202-99	s	IC TC74HC173P
ICF20	8-759-202-99	s	IC TC74HC173P
ICF21	8-759-900-69	s	IC SN74ALS74AN
ICF22	8-759-001-39	s	IC MC74HC164N
ICF23	8-759-202-99	s	IC TC74HC173P
ICF24	8-759-775-01	s	IC MB7122H-AU86031
ICF25	8-759-912-48	s	IC SN74ALS874NT
ICG1	8-759-000-99	s	IC MC74HC74N
ICG2	8-759-000-99	s	IC MC74HC74N
ICG3	8-759-203-01	s	IC TC74HC175P
ICG4	8-759-000-99	s	IC MC74HC74N
ICG5	8-759-000-99	s	IC MC74HC74N
ICG6	8-759-203-01	s	IC TC74HC175P
ICG7	8-759-000-99	s	IC MC74HC74N
ICG8	8-759-000-99	s	IC MC74HC74N
ICG9	8-759-203-01	s	IC TC74HC175P
ICG10	8-759-000-99	s	IC MC74HC74N
ICG11	8-759-000-99	s	IC MC74HC74N
ICG12	8-759-203-01	s	IC TC74HC175P
ICG13	8-759-936-59	s	IC SN74ALS257N
ICG14	8-759-936-59	s	IC SN74ALS257N
ICG15	8-759-936-59	s	IC SN74ALS257N
ICG17	8-759-203-50	s	IC TC74HC574P
ICG18	8-759-203-50	s	IC TC74HC574P
ICG19	8-759-203-50	s	IC TC74HC574P
ICG20	8-759-203-50	s	IC TC74HC574P
ICG21	8-759-202-89	s	IC TC74HC139P
ICG22	8-759-001-39	s	IC MC74HC164N
ICG23	8-752-304-30	s	IC CX23043
ICG24	8-759-774-07	s	IC MB7226RA-AU86041
ICG25	8-759-112-21	s	IC uPD4314C-35
ICH1	8-759-937-86	s	IC CX20214
ICH2	8-759-937-86	s	IC CX20214
ICH3	8-759-790-01	s	IC VP16V8E-AU86211

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AU-86 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No	SP	Description
ICH4	8-759-937-86	s	IC CX20214
ICH5	8-759-918-33	s	IC CX20160
ICH6	8-759-790-01	s	IC VP16V8E-AU86211
ICH7	8-759-937-86	s	IC CX20214
ICH8	8-759-937-86	s	IC CX20214
ICH9	8-759-790-01	s	IC VP16V8E-AU86211
ICH10	8-759-937-86	s	IC CX20214
ICH11	8-759-918-33	s	IC CX20160
ICH12	8-759-790-01	s	IC VP16V8E-AU86211
ICH13	8-752-304-30	s	IC CX23043
ICH14	8-752-304-30	s	IC CX23043
ICH15	8-759-918-33	s	IC CX20160
ICH16	8-759-774-08	s	IC MB7226RA-AU86051
ICH17	8-759-203-50	s	IC TC74HC574P
ICH18	8-759-203-50	s	IC TC74HC574P
ICH19	8-759-203-50	s	IC TC74HC574P
ICH20	8-759-203-50	s	IC TC74HC574P
ICH21	8-759-202-11	s	IC TC74HC00P
ICH22	8-759-202-99	s	IC TC74HC173P
ICH23	8-759-912-48	s	IC SN74ALS874NT
ICH24	8-759-902-57	s	IC SN74LS257AN
ICH25	8-759-912-48	s	IC SN74ALS874NT
ICJ1	8-759-937-86	s	IC CX20214
ICJ2	8-759-937-86	s	IC CX20214
ICJ3	8-759-001-39	s	IC MC74HC164N
ICJ4	8-759-937-86	s	IC CX20214
ICJ5	8-759-202-14	s	IC TC74HC08P
ICJ7	8-759-937-86	s	IC CX20214
ICJ8	8-759-937-86	s	IC CX20214
ICJ9	8-759-001-39	s	IC MC74HC164N
ICJ10	8-759-937-86	s	IC CX20214
ICJ11	8-759-202-14	s	IC TC74HC08P
ICJ15	8-759-202-99	s	IC TC74HC173P
ICJ16	8-759-202-99	s	IC TC74HC173P
ICJ17	8-759-903-84	s	IC SN74LS384N
ICJ18	8-759-903-84	s	IC SN74LS384N
ICJ19	8-759-202-98	s	IC TC74HC166P
ICJ20	8-759-203-52	s	IC TC74HC595P
ICJ21	8-759-937-86	s	IC CX20214
ICJ22	8-759-000-99	s	IC MC74HC74N
ICJ23	8-759-202-24	s	IC TC74HC86P
ICJ24	8--759-203-18	s	IC TC74HC253P
ICJ25	8-759-913-63	s	IC SN74ALS374N
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-410-336-11	s	INDUCTOR, 220uH 10%
L4	1-410-336-11	s	INDUCTOR, 220uH 10%
L5	1-410-336-11	s	INDUCTOR, 220uH 10%
L6	1-410-336-11	s	INDUCTOR, 220uH 10%
RB1	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB2	1-231-495-00	s	RESISTOR BLOCK, 270X4
RB3	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB4	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB5	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB9	1-231-549-11	s	RESISTOR BLOCK, 47KX4
RB10	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB13	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB18	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB19	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
S1	1-554-080-00	s	SWITCH, ROTARY
S2	1-554-397-21	s	SWITCH, TOGGLE
S3	1-554-397-21	s	SWITCH, TOGGLE
S4	1-570-623-11	s	SWITCH, DIP 4CKT
X1	1-527-828-00	s	CRYSTAL 12.000MHz

AU-86 BOARD, DVPC-1000

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-005-B	o	COMPLETE PCB, AU-86
(This assembly includes the following parts.)			
2pcs	3-673-249-11	o	LEVER, PC BOARD
1pc	3-715-721-41	o	LABEL (2), SERIAL NUMBER
2pcs	7-621-775-10	s	SCREW +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
6pcs	7-628-253-40	s	SCREW +PS 2X10
1pc	7-628-254-00	s	SCREW +PSW 2.6X5
20pcs	7-628-254-10	s	+PSW, 2.6X6
2pcs	7-628-254-20	s	+PSW, 2.6X8
C4	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C5	1-130-479-00	s	CAP, MYLAR 0.0047uF 5% 50V
C6	1-130-493-00	s	CAP, MYLAR 0.068uF 5% 50V
C8	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C9	1-109-557-00	s	CAP, MICA 680PF 5% 100V
C12	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C13	1-130-479-00	s	CAP, MYLAR 0.0047uF 5% 50V
C14	1-130-493-00	s	CAP, MYLAR 0.068uF 5% 50V
C16	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C17	1-109-557-00	s	CAP, MICA 680PF 5% 100V
C20	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C21	1-130-479-00	s	CAP, MYLAR 0.0047uF 5% 50V
C22	1-130-493-00	s	CAP, MYLAR 0.068uF 5% 50V
C24	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C25	1-109-557-00	s	CAP, MICA 680PF 5% 100V
C28	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C29	1-130-479-00	s	CAP, MYLAR 0.0047uF 5% 50V
C30	1-130-493-00	s	CAP, MYLAR 0.068uF 5% 50V
C32	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C33	1-109-557-00	s	CAP, MICA 680PF 5% 100V
C119	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C120	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C121	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C122	1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
C123	1-162-732-11	s	CAP, CERAMIC 820PF 5% 50V
C124	1-162-732-11	s	CAP, CERAMIC 820PF 5% 50V
C125	1-162-732-11	s	CAP, CERAMIC 820PF 5% 50V
C126	1-162-732-11	s	CAP, CERAMIC 820PF 5% 50V
C127	1-162-732-11	s	CAP, CERAMIC 820PF 5% 50V
C128	1-162-732-11	s	CAP, CERAMIC 820PF 5% 50V
C129	1-162-710-11	s	CAP, CERAMIC 100PF 5% 50V
C130	1-162-710-11	s	CAP, CERAMIC 100PF 5% 50V
C131	1-162-710-11	s	CAP, CERAMIC 100PF 5% 50V
C132	1-162-710-11	s	CAP, CERAMIC 100PF 5% 50V
CN1	1-566-385-11	s	PIN, CONNECTOR 2P
CN2	1-566-385-11	s	PIN, CONNECTOR 2P
CN3	1-566-385-11	s	PIN, CONNECTOR 2P
CN101	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103	1-506-746-11	s	RECEP, DIN 48P, MALE
D9	8-719-400-35	s	DIODE LN35BP
D10	8-719-400-35	s	DIODE LN35BP
D11	8-719-400-35	s	DIODE LN35BP
D12	8-719-400-35	s	DIODE LN35BP
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-759-906-24	s	IC SN74LS624N
ICA2	8-759-918-71	s	IC CX23065
ICA3	8-759-901-23	s	IC SN74LS123N
ICA4	8-759-906-24	s	IC SN74LS624N
ICA5	8-759-918-71	s	IC CX23065
ICA6	8-759-901-23	s	IC SN74LS123N
ICA7	8-759-906-24	s	IC SN74LS624N
ICA8	8-759-918-71	s	IC CX23065
ICA9	8-759-901-23	s	IC SN74LS123N
ICA10	8-759-906-24	s	IC SN74LS624N
ICA11	8-759-918-71	s	IC CX23065
ICA12	8-759-901-23	s	IC SN74LS123N
ICA14	8-759-000-99	s	IC MC74HC74N
ICA15	8-759-202-12	s	IC TC74HC02P

(AU-86 BOARD, DVPC-1000)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICA16	8-752-304-30	s	IC CX23043
ICA17	8-752-304-30	s	IC CX23043
ICA18	8-759-901-38	s	IC SN74LS138N
ICA19	8-759-780-46	s	IC 27C512-AU86402
ICA21	8-759-901-66	s	IC SN74LS166AN
ICA22	8-759-901-66	s	IC SN74LS166AN
ICA24	8-759-794-19	s	IC PAL16L8B-AU86521
ICA25	8-759-912-12	s	IC SN74ALS240AN
ICB1	8-759-202-75	s	IC TC74HCT04P
ICB2	8-759-903-93	s	IC SN74LS393N
ICB3	8-759-912-48	s	IC SN74ALS874NT
ICB4	8-759-901-23	s	IC SN74LS123N
ICB5	8-759-903-93	s	IC SN74LS393N
ICB6	8-759-202-24	s	IC TC74HC86P
ICB7	8-759-202-75	s	IC TC74HCT04P
ICB8	8-759-903-93	s	IC SN74LS393N
ICB9	8-759-912-48	s	IC SN74ALS874NT
ICB10	8-759-901-23	s	IC SN74LS123N
ICB11	8-759-903-93	s	IC SN74LS393N
ICB12	8-759-202-75	s	IC TC74HCT04P
ICB13	8-759-780-03	s	IC MB7122H-AU86311
ICB14	8-759-912-48	s	IC SN74ALS874NT
ICB15	8-759-004-63	s	IC MC74HC125N
ICB16	8-759-202-74	s	IC TC74HC04P
ICB23	8-759-784-18	s	IC MBL8742H-AU861113
ICB24	8-759-946-64	s	IC SN74ALS04BN
ICB25	8-759-203-61	s	IC TC74HC688P
ICB26	8-759-202-33	s	IC TC74HC240P
ICC1	8-759-915-26	s	IC CX23053
ICC3	8-759-000-99	s	IC MC74HC74N
ICC4	8-759-000-99	s	IC MC74HC74N
ICC5	8-759-915-26	s	IC CX23053
ICC7	8-759-915-26	s	IC CX23053
ICC9	8-759-000-99	s	IC MC74HC74N
ICC10	8-759-000-99	s	IC MC74HC74N
ICC11	8-759-915-26	s	IC CX23053
ICC13	8-759-202-32	s	IC TC74HC163P
ICC14	8-752-322-12	s	IC CXK5416P-35
ICC15	8-759-202-15	s	IC TC74HC10P
ICC16	8-759-000-99	s	IC MC74HC74N
ICC17	8-759-103-88	s	IC UPD82C43CY
ICC18	8-759-103-88	s	IC UPD82C43CY
ICC19	8-759-103-88	s	IC UPD82C43CY
ICC20	8-759-103-88	s	IC UPD82C43CY
ICC24	8-759-900-69	s	IC SN74ALS74AN
ICC25	8-759-203-54	s	IC TC74HC640P
ICC26	8-759-202-33	s	IC TC74HC240P
ICD3	8-759-202-11	s	IC TC74HC00P
ICD4	8-759-202-74	s	IC TC74HC04P
ICD9	8-759-202-11	s	IC TC74HC00P
ICD10	8-759-202-74	s	IC TC74HC04P
ICE1	8-759-202-74	s	IC TC74HC04P
ICE2	8-759-202-74	s	IC TC74HC04P
ICE3	8-752-304-30	s	IC CX23043
ICE4	8-752-304-30	s	IC CX23043
ICE5	8-759-202-74	s	IC TC74HC04P
ICE6	8-759-202-74	s	IC TC74HC04P
ICE7	8-759-202-74	s	IC TC74HC04P
ICE8	8-759-202-74	s	IC TC74HC04P
ICE9	8-752-304-30	s	IC CX23043
ICE10	8-752-304-30	s	IC CX23043
ICE11	8-759-202-74	s	IC TC74HC04P
ICE12	8-759-202-74	s	IC TC74HC04P
ICE13	8-752-304-30	s	IC CX23043
ICE14	8-759-004-80	s	IC MC74HCT374N
ICE15	8-759-912-48	s	IC SN74ALS874NT
ICE16	8-759-912-48	s	IC SN74ALS874NT
ICE17	8-759-203-18	s	IC TC74HC253P
ICE18	8-759-203-18	s	IC TC74HC253P
ICE19	8-759-004-63	s	IC MC74HC125N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AU-86 BOARD, DVPC-1000)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICE20	8-759-202-74	s	IC TC74HC04P
ICE21	8-759-202-74	s	IC TC74HC04P
ICE22	8-759-202-75	s	IC TC74HCT04P
ICE23	8-752-304-30	s	IC CX23043
ICE24	8-752-304-30	s	IC CX23043
ICE25	8-759-900-69	s	IC SN74ALS74AN
ICF1	8-759-001-39	s	IC MC74HC164N
ICF2	8-759-791-65	s	IC VP16V8E-AU86532
ICF3	8-759-794-15	s	IC PAL16R8B-AU86501
ICF4	8-759-794-15	s	IC PAL16R8B-AU86501
ICF5	8-759-001-39	s	IC MC74HC164N
ICF6	8-759-791-65	s	IC VP16V8E-AU86532
ICF7	8-759-001-39	s	IC MC74HC164N
ICF8	8-759-791-65	s	IC VP16V8E-AU86532
ICF9	8-759-794-15	s	IC PAL16R8B-AU86501
ICF10	8-759-794-15	s	IC PAL16R8B-AU86501
ICF11	8-759-001-39	s	IC MC74HC164N
ICF12	8-759-791-65	s	IC VP16V8E-AU86532
ICF13	8-752-322-12	s	IC CXK5416P-35
ICF14	8-752-322-12	s	IC CXK5416P-35
ICF15	8-759-774-31	s	IC MB7232RA-AU86021
ICF16	8-759-202-34	s	IC TC74HC257P
ICF17	8-759-202-34	s	IC TC74HC257P
ICF18	8-759-203-50	s	IC TC74HC574P
ICF19	8-759-112-31	s	IC UPD4311C-35
ICF20	8-759-202-99	s	IC TC74HC173P
ICF21	8-759-202-75	s	IC TC74HCT04P
ICF22	8-759-000-99	s	IC MC74HC74N
ICF23	8-759-900-00	s	IC SN74LS00N
ICF24	8-759-900-69	s	IC SN74ALS74AN
ICF25	8-759-900-04	s	IC SN74LS04N
ICF26	8-759-926-32	s	IC AM26LS32PC
ICG1	8-759-791-64	s	IC VP16V8E-AU86512
ICG2	8-759-203-01	s	IC TC74HC175P
ICG3	8-759-001-39	s	IC MC74HC164N
ICG4	8-759-001-39	s	IC MC74HC164N
ICG5	8-759-791-64	s	IC VP16V8E-AU86512
ICG6	8-759-203-01	s	IC TC74HC175P
ICG7	8-759-791-64	s	IC VP16V8E-AU86512
ICG8	8-759-203-01	s	IC TC74HC175P
ICG9	8-759-001-39	s	IC MC74HC164N
ICG10	8-759-001-39	s	IC MC74HC164N
ICG11	8-759-791-64	s	IC VP16V8E-AU86512
ICG12	8-759-203-01	s	IC TC74HC175P
ICG13	8-759-936-59	s	IC SN74ALS257N
ICG14	8-759-936-59	s	IC SN74ALS257N
ICG15	8-759-936-59	s	IC SN74ALS257N
ICG16	8-759-202-34	s	IC TC74HC257P
ICG17	8-759-202-34	s	IC TC74HC257P
ICG18	8-759-203-50	s	IC TC74HC574P
ICG19	8-759-112-31	s	IC UPD4311C-35
ICG20	8-759-202-99	s	IC TC74HC173P
ICG21	8-759-202-99	s	IC TC74HC173P
ICG22	8-759-900-69	s	IC SN74ALS74AN
ICG23	8-759-001-39	s	IC MC74HC164N
ICG24	8-759-202-99	s	IC TC74HC173P
ICG25	8-759-780-00	s	IC MB7128H-AU86331
ICG26	8-759-912-48	s	IC SN74ALS874NT
ICH1	8-759-000-99	s	IC MC74HC74N
ICH2	8-759-000-99	s	IC MC74HC74N
ICH3	8-759-203-76	s	IC TC74HC4078P
ICH4	8-759-203-76	s	IC TC74HC4078P
ICH5	8-759-000-99	s	IC MC74HC74N
ICH6	8-759-000-99	s	IC MC74HC74N
ICH7	8-759-000-99	s	IC MC74HC74N
ICH8	8-759-000-99	s	IC MC74HC74N
ICH9	8-759-203-76	s	IC TC74HC4078P
ICH10	8-759-203-76	s	IC TC74HC4078P
ICH11	8-759-000-99	s	IC MC74HC74N
ICH12	8-759-000-99	s	IC MC74HC74N

(AU-86 BOARD, DVPC-1000)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICH13	8-752-304-30	s	IC CX23043
ICH14	8-752-304-30	s	IC CX23043
ICH15	8-759-779-88	s	IC 27C32A-AU86411
ICH17	8-759-779-88	s	IC 27C32A-AU86411
ICH18	8-759-203-50	s	IC TC74HC574P
ICH19	8-759-203-50	s	IC TC74HC574P
ICH20	8-759-203-50	s	IC TC74HC574P
ICH21	8-759-203-50	s	IC TC74HC574P
ICH22	8-759-202-89	s	IC TC74HC139P
ICH23	8-759-001-39	s	IC MC74HC164N
ICH24	8-752-304-30	s	IC CX23043
ICH25	8-759-780-01	s	IC MB7226RA-AU86042
ICH26	8-752-322-12	s	IC CXK5416P-35
ICJ1	8-759-937-86	s	IC CX20214
ICJ2	8-759-937-86	s	IC CX20214
ICJ3	8-759-000-99	s	IC MC74HC74N
ICJ4	8-759-937-86	s	IC CX20214
ICJ5	8-759-918-33	s	IC CX20160
ICJ7	8-759-937-86	s	IC CX20214
ICJ8	8-759-937-86	s	IC CX20214
ICJ9	8-759-000-99	s	IC MC74HC74N
ICJ10	8-759-937-86	s	IC CX20214
ICJ11	8-759-918-33	s	IC CX20160
ICJ13	8-759-918-33	s	IC CX20160
ICJ14	8-759-779-89	s	IC MB7226RA-AU86052
ICJ15	8-759-779-88	s	IC 27C32A-AU86411
ICJ17	8-759-779-88	s	IC 27C32A-AU86411
ICJ18	8-759-203-50	s	IC TC74HC574P
ICJ19	8-759-203-50	s	IC TC74HC574P
ICJ20	8-759-203-50	s	IC TC74HC574P
ICJ21	8-759-203-50	s	IC TC74HC574P
ICJ22	8-759-202-11	s	IC TC74HC00P
ICJ23	8-759-202-99	s	IC TC74HC173P
ICJ24	8-759-912-48	s	IC SN74ALS874NT
ICJ25	8-759-902-57	s	IC SN74LS257AN
ICJ26	8-759-912-48	s	IC SN74ALS874NT
ICK1	8-759-937-86	s	IC CX20214
ICK2	8-759-937-86	s	IC CX20214
ICK3	8-759-001-39	s	IC MC74HC164N
ICK4	8-759-937-86	s	IC CX20214
ICK5	8-759-202-14	s	IC TC74HC08P
ICK7	8-759-937-86	s	IC CX20214
ICK8	8-759-937-86	s	IC CX20214
ICK9	8-759-001-39	s	IC MC74HC164N
ICK10	8-759-937-86	s	IC CX20214
ICK11	8-759-202-14	s	IC TC74HC08P
ICK13	8-759-202-99	s	IC TC74HC173P
ICK14	8-759-202-99	s	IC TC74HC173P
ICK15	8-759-004-80	s	IC MC74HCT374N
ICK16	8-759-918-33	s	IC CX20160
ICK17	8-759-918-33	s	IC CX20160
ICK18	8-759-903-84	s	IC SN74LS384N
ICK19	8-759-903-84	s	IC SN74LS384N
ICK20	8-759-791-45	s	IC VP16V8E-AU86541
ICK21	8-759-937-86	s	IC CX20214
ICK22	8-759-203-52	s	IC TC74HC595P
ICK23	8-759-202-98	s	IC TC74HC166P
ICK24	8-759-203-18	s	IC TC74HC253P
ICK25	8-759-913-63	s	IC SN74ALS374N
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-410-336-11	s	INDUCTOR, 220uH 10%
L4	1-410-336-11	s	INDUCTOR, 220uH 10%
L5	1-410-336-11	s	INDUCTOR, 220uH 10%
L6	1-410-336-11	s	INDUCTOR, 220uH 10%
RB1	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB2	1-231-533-00	s	RESISTOR BLOCK, 10KX4

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AU-86 NOARD, DVPC-1000)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-495-00	s	RESISTOR BLOCK, 270X4
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB11	1-235-359-11	s	RESISTOR BLOCK, 47Kx4
RB12	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB19	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB20	1-231-533-00	s	RESISTOR BLOCK, 10KX4
S1	1-554-080-00	s	SWITCH, ROTARY
S2	1-554-397-21	s	SWITCH, TOGGLE
S3	1-554-397-21	s	SWITCH, TOGGLE
S4	1-570-623-11	s	SWITCH, DIP 4CKT
S5	1-554-080-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

CI-01 BOARD, DVPC-1000

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-014-A	o	COMPLETE PCB, CI-01
(This assembly includes the following parts.)			
1pcs	3-715-724-31	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW +PSW 2.6X8
6pc	7-628-254-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW 2.6X6
C5	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C6	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
CN4	1-566-618-11	o	PIN, SHORT 20P
CN5	1-560-733-00	s	PIN, SHORT
CN6	1-560-733-00	s	PIN, SHORT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-404-07	s	DIODE LN45YP
D2	8-719-404-07	s	DIODE LN45YP
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A
F2	⚠ 1-532-926-12	s	FUSE, MICRO 10A
ICA1	8-759-202-86	s	IC TC74HC123P
ICA2	8-759-202-93	s	IC TC74HC153P
ICA3	8-759-774-42	s	IC MB7232RA-CI01111
ICA4	8-759-912-48	s	IC SN74ALS874NT
ICA5	8-759-912-48	s	IC SN74ALS874NT
ICA7	8-759-912-48	s	IC SN74ALS874NT
ICA8	8-759-912-48	s	IC SN74ALS874NT
ICA9	8-759-912-48	s	IC SN74ALS874NT
ICA10	8-759-912-48	s	IC SN74ALS874NT
ICA11	8-759-913-63	s	IC SN74ALS374N
ICA12	8-759-004-80	s	IC MC74HCT374N
ICA14	8-759-903-99	s	IC SN74LS399N
ICA15	8-759-112-25	s	IC uPD4361C-45
ICA16	8-759-112-25	s	IC uPD4361C-45
ICA17	8-759-112-25	s	IC uPD4361C-45
ICA18	8-759-112-25	s	IC uPD4361C-45
ICA19	8-759-112-25	s	IC uPD4361C-45
ICA21	8-759-112-25	s	IC uPD4361C-45
ICA22	8-759-112-25	s	IC uPD4361C-45
ICA23	8-759-112-25	s	IC uPD4361C-45
ICA24	8-759-112-25	s	IC uPD4361C-45
ICA25	8-759-112-25	s	IC uPD4361C-45
ICA27	8-759-775-21	s	IC MBM27C256-CI01051
ICA29	8-759-775-23	s	IC MBM27C256-CI01071
ICA31	8-759-775-22	s	IC MBM27C256-CI01061
ICA32	8-759-775-24	s	IC MBM27C256-CI01081
ICA33	8-759-790-51	s	IC VP16V8E-CI01291
ICA35	8-759-790-50	s	IC VP16V8E-CI01281
ICA38	8-759-777-56	s	IC MBL8742H-CI013311
ICB2	8-759-774-48	s	IC MB7128H-CI01101
ICB3	8-759-004-84	s	IC MC74HC597N
ICB4	8-759-004-84	s	IC MC74HC597N
ICB5	8-759-903-99	s	IC SN74LS399N
ICB7	8-759-202-24	s	IC TC74HC86P
ICB8	8-759-202-24	s	IC TC74HC86P
ICB9	8-759-900-08	s	IC SN74LS08N
ICB10	8-759-900-86	s	IC SN74LS86N
ICB12	8-759-916-07	s	IC CX23038
ICB14	8-759-903-99	s	IC SN74LS399N
ICB15	8-759-903-99	s	IC SN74LS399N
ICB16	8-759-004-80	s	IC MC74HCT374N
ICB17	8-759-004-80	s	IC MC74HCT374N
ICB18	8-759-903-99	s	IC SN74LS399N
ICB19	8-759-900-32	s	IC SN74LS32N
ICB21	8-759-902-94	s	IC SN74LS590N
ICB24	8-759-004-80	s	IC MC74HCT374N
ICB25	8-759-004-80	s	IC MC74HCT374N
ICB27	8-759-202-31	s	IC TC74HC162P
ICB28	8-759-902-94	s	IC SN74LS590N
ICB29	8-759-902-94	s	IC SN74LS590N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(CI-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICB30	8-759-202-75	s	IC TC74HCT04P
ICB31	8-759-902-94	s	IC SN74LS590N
ICB32	8-759-902-94	s	IC SN74LS590N
ICB33	8-759-790-47	s	IC VP16V8E-CI01251
ICB35	8-759-913-63	s	IC SN74ALS374N
ICB36	8-759-203-48	s	IC TC74HC573P
ICB37	8-759-103-88	s	IC uPD82C43CY
ICC2	8-759-203-36	s	IC TC74HC374P
ICC3	8-759-918-33	s	IC CX20160
ICC4	8-759-790-53	s	IC VP16V8E-CI01311
ICC5	8-759-004-80	s	IC MC74HCT374N
ICC7	8-759-775-03	s	IC MB7116H-CI01121
ICC8	8-759-203-62	s	IC TC74HC4002P
ICC9	8-759-790-54	s	IC VP16V8E-CI01321
ICC10	8-759-903-99	s	IC SN74LS399N
ICC22	8-759-775-40	s	IC MBM27C32-CI01041
ICC36	8-759-202-12	s	IC TC74HC02P
ICC38	8-759-000-99	s	IC MC74HC74N
ICD11	8-759-202-24	s	IC TC74HC86P
ICD12	8-759-202-74	s	IC TC74HC04P
ICD14	8-759-203-36	s	IC TC74HC374P
ICD15	8-759-203-36	s	IC TC74HC374P
ICD16	8-759-203-61	s	IC TC74HC688P
ICD17	8-759-791-27	s	IC VP16V8E-CI01272
ICD18	8-759-203-36	s	IC TC74HC374P
ICD19	8-759-791-28	s	IC VP16V8E-CI01262
ICD21	8-759-903-74	s	IC SN74LS374N
ICD25	8-759-001-39	s	IC MC74HC164N
ICD24	8-759-901-64	s	IC SN74LS164N
ICD27	8-759-202-32	s	IC TC74HC163P
ICD28	8-759-901-63	s	IC SN74LS163AN
ICD29	8-759-004-80	s	IC MC74HCT374N
ICD30	8-759-777-30	s	IC MBM27C32-CI01022
ICD32	8-759-777-29	s	IC MBM27C32-CI01032
ICD34	8-752-304-30	s	IC CX23043
ICD35	8-759-203-61	s	IC TC74HC688P
ICD36	8-759-202-11	s	IC TC74HC00P
ICD37	8-759-203-54	s	IC TC74HC640P
ICE2	8-759-004-80	s	IC MC74HCT374N
ICE3	8-759-203-52	s	IC TC74HC595P
ICE4	8-759-790-52	s	IC VP16V8E-CI01301
ICE7	8-759-775-25	s	IC MBM27C256-CI01091
ICE8	8-759-912-48	s	IC SN74ALS874NT
ICE9	8-759-912-48	s	IC SN74ALS874NT
ICE10	8-759-912-48	s	IC SN74ALS874NT
ICE11	8-759-004-80	s	IC MC74HCT374N
ICE12	8-759-203-36	s	IC TC74HC374P
ICE14	8-759-203-36	s	IC TC74HC374P
ICE15	8-759-004-80	s	IC MC74HCT374N
ICE16	8-759-203-36	s	IC TC74HC374P
ICE17	8-759-203-36	s	IC TC74HC374P
ICE18	8-759-203-36	s	IC TC74HC374P
ICE19	8-759-004-80	s	IC MC74HCT374N
ICE21	8-759-203-36	s	IC TC74HC374P
ICE22	8-759-203-36	s	IC TC74HC374P
ICE23	8-759-004-80	s	IC MC74HCT374N
ICE24	8-759-203-36	s	IC TC74HC374P
ICE25	8-759-203-36	s	IC TC74HC374P
ICE27	8-759-902-40	s	IC SN74LS240N
ICE28	8-759-902-40	s	IC SN74LS240N
ICE29	8-759-904-80	s	IC 74F04PC
ICE30	8-759-904-81	s	IC 74F08PC
ICE31	8-759-900-04	s	IC SN74LS04N
ICE32	8-759-001-39	s	IC MC74HC164N
ICE33	8-759-202-32	s	IC TC74HC163P
ICE35	8-759-900-04	s	IC SN74LS04N
ICE36	8-759-202-33	s	IC TC74HC240P
ICE37	8-759-202-33	s	IC TC74HC240P
ICF2	8-759-900-00	s	IC SN74LS00N
ICF3	8-759-203-52	s	IC TC74HC595P

(CI-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICF4	8-759-202-32	s	IC TC74HC163P
ICF7	8-759-790-37	s	IC VP16V8E-CI01141
ICF8	8-759-790-37	s	IC VP16V8E-CI01141
ICF9	8-759-790-37	s	IC VP16V8E-CI01141
ICF10	8-759-790-37	s	IC VP16V8E-CI01141
ICF11	8-759-112-18	s	IC uPD4362C-45
ICF12	8-759-112-18	s	IC uPD4362C-45
ICF14	8-759-902-94	s	IC SN74LS590N
ICF15	8-759-112-18	s	IC uPD4362C-45
ICF16	8-759-112-18	s	IC uPD4362C-45
ICF17	8-759-902-94	s	IC SN74LS590N
ICF18	8-759-790-46	s	IC VP16V8E-CI01241
ICF19	8-759-112-18	s	IC uPD4362C-45
ICF21	8-759-112-18	s	IC uPD4362C-45
ICF22	8-759-902-94	s	IC SN74LS590N
ICF23	8-759-112-18	s	IC uPD4362C-45
ICF24	8-759-112-18	s	IC uPD4362C-45
ICF25	8-759-902-94	s	IC SN74LS590N
ICF27	8-759-202-14	s	IC TC74HC08P
ICF28	8-759-904-14	s	IC SN74ALS04AN
ICF29	8-759-904-18	s	IC SN74ALS00AN
ICF30	8-759-900-04	s	IC SN74LS04N
ICF31	8-759-900-08	s	IC SN74LS08N
ICF32	8-759-913-63	s	IC SN74ALS374N
ICF33	8-759-913-63	s	IC SN74ALS374N
ICF34	8-759-913-63	s	IC SN74ALS374N
ICG2	8-752-304-30	s	IC CX23043
ICG3	8-752-304-30	s	IC CX23043
ICG4	8-752-304-30	s	IC CX23043
ICG6	8-752-304-30	s	IC CX23043
ICG35	8-759-926-32	s	IC AM26LS32PC
ICH2	8-759-790-41	s	IC VP16V8E-CI01191
ICH3	8-759-790-40	s	IC VP16V8E-CI01181
ICH4	8-759-790-39	s	IC VP16V8E-CI01171
ICH5	8-759-790-38	s	IC VP16V8E-CI01161
ICH7	8-759-790-37	s	IC VP16V8E-CI01141
ICH8	8-759-790-37	s	IC VP16V8E-CI01141
ICH9	8-759-790-37	s	IC VP16V8E-CI01141
ICH10	8-759-790-37	s	IC VP16V8E-CI01141
ICH11	8-759-203-36	s	IC TC74HC374P
ICH12	8-759-790-45	s	IC VP16V8E-CI01231
ICH14	8-759-004-80	s	IC MC74HCT374N
ICH15	8-759-203-36	s	IC TC74HC374P
ICH16	8-759-790-44	s	IC VP16V8E-CI01221
ICH17	8-759-004-80	s	IC MC74HCT374N
ICH18	8-759-202-75	s	IC TC74HCT04P
ICH19	8-759-203-36	s	IC TC74HC374P
ICH21	8-759-790-43	s	IC VP16V8E-CI01211
ICH22	8-759-004-80	s	IC MC74HCT374N
ICH23	8-759-203-36	s	IC TC74HC374P
ICH24	8-759-790-42	s	IC VP16V8E-CI01201
ICH25	8-759-004-80	s	IC MC74HCT374N
ICH27	8-759-902-40	s	IC SN74LS240N
ICH28	8-759-202-14	s	IC SN74ALS04AN
ICH29	8-759-904-14	s	IC SN74ALS04N
ICH30	8-759-900-67	s	IC SN74ALS02N
ICH31	8-759-902-40	s	IC SN74LS240N
ICH32	8-759-913-63	s	IC SN74ALS374N
ICH33	8-759-913-63	s	IC SN74ALS374N
ICH34	8-759-913-63	s	IC SN74ALS374N
ICH35	8-759-913-63	s	IC SN74ALS374N
ICJ2	8-759-917-52	s	IC 74F138PC
ICJ3	8-759-203-16	s	IC TC74HCT244P
ICJ4	8-759-203-36	s	IC TC74HC374P
ICJ5	8-759-004-80	s	IC MC74HCT374N
ICJ10	8-752-322-09	s	IC CXK5814P-35L
ICJ11	8-759-917-52	s	IC 74F138PC
ICJ12	8-759-203-16	s	IC TC74HCT244P
ICJ13	8-759-203-36	s	IC TC74HC374P
ICJ14	8-759-004-80	s	IC MC74HCT374N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(CI-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ19	8-752-322-09	s	IC CXK5814P-35L
ICJ20	8-759-917-52	s	IC 74F138PC
ICJ21	8-759-203-16	s	IC TC74HCT244P
ICJ22	8-759-203-36	s	IC TC74HC374P
ICJ23	8-759-004-80	s	IC MC74HCT374N
ICJ28	8-752-322-09	s	IC CXK5814P-35L
ICJ29	8-759-917-52	s	IC 74F138PC
ICJ30	8-759-203-16	s	IC TC74HCT244P
ICJ31	8-759-203-36	s	IC TC74HC374P
ICJ32	8-759-004-80	s	IC MC74HCT374N
ICJ37	8-752-322-09	s	IC CXK5814P-35L
ICK2	8-759-001-39	s	IC MC74HC164N
ICK3	8-752-304-30	s	IC CX23043
ICK4	8-759-004-80	s	IC MC74HCT374N
ICK5	8-759-774-96	s	IC MB7124H-CI01011
ICK7	8-759-107-86	s	IC CXD1038G
ICK10	8-752-322-09	s	IC CXK5814P-35L
ICK11	8-759-001-39	s	IC MC74HC164N
ICK12	8-752-304-30	s	IC CX23043
ICK13	8-759-004-80	s	IC MC74HCT374N
ICK14	8-759-774-96	s	IC MB7124H-CI01011
ICK16	8-759-107-86	s	IC CXD1038G
ICK19	8-752-322-09	s	IC CXK5814P-35L
ICK20	8-759-001-39	s	IC MC74HC164N
ICK21	8-752-304-30	s	IC CX23043
ICK22	8-759-004-80	s	IC MC74HCT374N
ICK23	8-759-774-96	s	IC MB7124H-CI01011
ICK25	8-759-107-86	s	IC CXD1038G
ICK28	8-752-322-09	s	IC CXK5814P-35L
ICK29	8-759-001-39	s	IC MC74HC164N
ICK30	8-752-304-30	s	IC CX23043
ICK31	8-759-004-80	s	IC MC74HCT374N
ICK32	8-759-774-96	s	IC MB7124H-CI01011
ICK35	8-759-107-86	s	IC CXD1038G
ICK37	8-752-322-09	s	IC CXK5814P-35L
ICL2	8-759-904-38	s	IC SN74ALS32N
ICL3	8-759-790-36	s	IC VP16V8E-CI01131
ICL4	8-759-202-75	s	IC TC74HCT04P
ICL5	8-759-918-33	s	IC CX20160
ICL6	8-759-918-33	s	IC CX20160
ICL7	8-759-004-80	s	IC MC74HCT374N
ICL8	8-759-913-63	s	IC SN74ALS374N
ICL9	8-759-913-63	s	IC SN74ALS374N
ICL10	8-759-000-99	s	IC MC74HC74N
ICL11	8-759-904-38	s	IC SN74ALS32N
ICL12	8-759-790-36	s	IC VP16V8E-CI01131
ICL13	8-759-202-75	s	IC TC74HCT04P
ICL14	8-759-918-33	s	IC CX20160
ICL15	8-759-918-33	s	IC CX20160
ICL16	8-759-004-80	s	IC MC74HCT374N
ICL17	8-759-913-63	s	IC SN74ALS374N
ICL18	8-759-913-63	s	IC SN74ALS374N
ICL19	8-759-000-99	s	IC MC74HC74N
ICL20	8-759-904-38	s	IC SN74ALS32N
ICL21	8-759-790-36	s	IC VP16V8E-CI01131
ICL22	8-759-202-75	s	IC TC74HCT04P
ICL23	8-759-918-33	s	IC CX20160
ICL24	8-759-918-33	s	IC CX20160
ICL25	8-759-004-80	s	IC MC74HCT374N
ICL26	8-759-913-63	s	IC SN74ALS374N
ICL27	8-759-913-63	s	IC SN74ALS374N
ICL28	8-759-000-99	s	IC MC74HC74N
ICL29	8-759-904-38	s	IC SN74ALS32N
ICL30	8-759-790-36	s	IC VP16V8E-CI01131
ICL31	8-759-202-75	s	IC TC74HCT04P
ICL32	8-759-918-33	s	IC CX20160
ICL33	8-759-918-33	s	IC CX20160
ICL34	8-759-004-80	s	IC MC74HCT374N
ICL35	8-759-913-63	s	IC SN74ALS374N
ICL36	8-759-913-63	s	IC SN74ALS374N

(CI-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICL37	8-759-000-99	s	IC MC74HC74N
JS1	1-561-832-00	s	SOCKET, SHORT
JS2	1-561-832-00	s	SOCKET, SHORT
JS3	1-561-832-00	s	SOCKET, SHORT
JS4	1-561-832-00	s	SOCKET, SHORT
JS5	1-561-832-00	s	SOCKET, SHORT
JS6	1-561-832-00	s	SOCKET, SHORT
JS7	1-561-832-00	s	SOCKET, SHORT
JS8	1-561-832-00	s	SOCKET, SHORT
JS9	1-561-832-00	s	SOCKET, SHORT
JS10	1-561-832-00	s	SOCKET, SHORT
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB14	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
SW101	1-570-623-11	s	SWITCH, DIP 4CKT
X1	1-527-828-00	s	CRYSTAL 12.000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

CI-01 BOARD, DVPC-1000

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-014-B	o	COMPLETE PCB, CI-01
(This assembly includes the following parts.)			
1pcs	3-715-724-31	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW +PSW 2.6X8
6pc	7-628-254-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW 2.6X6
C5	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C6	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
CN4	1-563-391-11	o	PIN, CONNECTOR 20P
CN5	1-566-385-11	s	PIN, SHORT
CN6	1-566-385-11	s	PIN, SHORT
CN7	1-566-385-11	s	PIN, SHORT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-404-07	s	DIODE LN45YP
D2	8-719-404-07	s	DIODE LN45YP
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-759-202-86	s	IC TC74HC123P
ICA2	8-759-202-93	s	IC TC74HC153P
ICA3	8-759-774-42	s	IC MB7232RA-CI01111
ICA4	8-759-912-48	s	IC SN74ALS874NT
ICA5	8-759-912-48	s	IC SN74ALS874NT
ICA7	8-759-912-48	s	IC SN74ALS874NT
ICA8	8-759-912-48	s	IC SN74ALS874NT
ICA9	8-759-912-48	s	IC SN74ALS874NT
ICA10	8-759-912-48	s	IC SN74ALS874NT
ICA11	8-759-913-63	s	IC SN74ALS374N
ICA12	8-759-004-80	s	IC MC74HCT374N
ICA14	8-759-903-99	s	IC SN74LS399N
ICA15	8-759-112-25	s	IC uPD4361C-45
ICA16	8-759-112-25	s	IC uPD4361C-45
ICA17	8-759-112-25	s	IC uPD4361C-45
ICA18	8-759-112-25	s	IC uPD4361C-45
ICA19	8-759-112-25	s	IC uPD4361C-45
ICA21	8-759-112-25	s	IC uPD4361C-45
ICA22	8-759-112-25	s	IC uPD4361C-45
ICA23	8-759-112-25	s	IC uPD4361C-45
ICA24	8-759-112-25	s	IC uPD4361C-45
ICA25	8-759-112-25	s	IC uPD4361C-45
ICA27	8-759-780-23	s	IC MBM27C512-CI01341
ICA29	8-759-780-22	s	IC MBM27C512-CI01351
ICA30	8-759-103-88	s	IC uPD82C43CY
ICA32	8-759-103-88	s	IC uPD82C43CY
ICA33	8-759-794-54	s	IC PAL16R4B-CI01291
ICA35	8-759-794-53	s	IC PAL16R8B-CI01281
ICA38	8-759-983-36	s	IC MBL8742H-CI013314
ICB2	8-759-774-48	s	IC MB7128H-CI01101
ICB3	8-759-004-84	s	IC MC74HC597N
ICB4	8-759-004-84	s	IC MC74HC597N
ICB5	8-759-903-99	s	IC SN74LS399N
ICB7	8-759-202-24	s	IC TC74HC86P
ICB8	8-759-202-24	s	IC TC74HC86P
ICB9	8-759-900-08	s	IC SN74LS08N
ICB10	8-759-900-86	s	IC SN74LS86N
ICB12	8-759-916-07	s	IC CX23038
ICB14	8-759-903-99	s	IC SN74LS399N
ICB15	8-759-903-99	s	IC SN74LS399N
ICB16	8-759-004-80	s	IC MC74HCT374N
ICB17	8-759-004-80	s	IC MC74HCT374N
ICB18	8-759-903-99	s	IC SN74LS399N
ICB19	8-759-900-32	s	IC SN74LS32N
ICB21	8-759-902-94	s	IC SN74LS590N
ICB24	8-759-004-80	s	IC MC74HCT374N
ICB25	8-759-004-80	s	IC MC74HCT374N
ICB27	8-759-202-31	s	IC TC74HC162P
ICB28	8-759-902-94	s	IC SN74LS590N
ICB29	8-759-902-94	s	IC SN74LS590N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(CI-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICB30	8-759-202-75	s	IC TC74HCT04P
ICB31	8-759-902-94	s	IC SN74LS590N
ICB32	8-759-902-94	s	IC SN74LS590N
ICB33	8-759-793-23	s	IC VP16V8E-CI01431
ICB35	8-759-913-63	s	IC SN74ALS374N
ICB36	8-759-913-63	s	IC SN74ALS374N
ICB37	8-759-103-88	s	IC uPD82C43CY
ICC2	8-759-203-36	s	IC TC74HC374P
ICC3	8-759-918-33	s	IC CX20160
ICC4	8-759-794-56	s	IC PAL16R8B-CI01311
ICC5	8-759-004-80	s	IC MC74HCT374N
ICC7	8-759-775-03	s	IC MB7116H-CI01121
ICC8	8-759-203-62	s	IC TC74HC4002P
ICC9	8-759-794-57	s	IC PAL16R8B-CI01321
ICC10	8-759-903-99	s	IC SN74LS399N
ICC22	8-759-775-40	s	IC MBM27C32-CI01041
ICC36	8-759-202-12	s	IC TC74HC02P
ICC38	8-759-000-99	s	IC MC74HC74N
ICD11	8-759-202-24	s	IC TC74HC86P
ICD12	8-759-202-74	s	IC TC74HC04P
ICD14	8-759-203-36	s	IC TC74HC374P
ICD15	8-759-203-36	s	IC TC74HC374P
ICD16	8-759-203-61	s	IC TC74HC688P
ICD17	8-759-794-52	s	IC PAL16L8B-CI01272
ICD18	8-759-203-36	s	IC TC74HC374P
ICD19	8-759-794-51	s	IC PAL16R8B-CI01262
ICD21	8-759-903-74	s	IC SN74LS374N
ICD25	8-759-001-39	s	IC MC74HC164N
ICD27	8-759-202-32	s	IC TC74HC163P
ICD28	8-759-901-63	s	IC SN74LS163AN
ICD29	8-759-004-80	s	IC MC74HCT374N
ICD30	8-759-777-30	s	IC MBM27C32-CI01022
ICD32	8-759-777-29	s	IC MBM27C32-CI01032
ICD34	8-752-304-30	s	IC CX23043
ICD35	8-759-203-61	s	IC TC74HC688P
ICD36	8-759-202-11	s	IC TC74HC00P
ICD37	8-759-203-54	s	IC TC74HC640P
ICE2	8-759-004-80	s	IC MC74HCT374N
ICE3	8-759-203-52	s	IC TC74HC595P
ICE4	8-759-794-55	s	IC PAL16R8B-CI01301
ICE7	8-759-786-58	s	IC MBM27C256A-CI01091
ICE8	8-759-912-48	s	IC SN74ALS874NT
ICE9	8-759-912-48	s	IC SN74ALS874NT
ICE10	8-759-912-48	s	IC SN74ALS874NT
ICE11	8-759-004-80	s	IC MC74HCT374N
ICE12	8-759-203-36	s	IC TC74HC374P
ICE14	8-759-203-36	s	IC TC74HC374P
ICE15	8-759-004-80	s	IC MC74HCT374N
ICE16	8-759-203-36	s	IC TC74HC374P
ICE17	8-759-203-36	s	IC TC74HC374P
ICE18	8-759-203-36	s	IC TC74HC374P
ICE19	8-759-004-80	s	IC MC74HCT374N
ICE21	8-759-203-36	s	IC TC74HC374P
ICE22	8-759-203-36	s	IC TC74HC374P
ICE23	8-759-004-80	s	IC MC74HCT374N
ICE24	8-759-203-36	s	IC TC74HC374P
ICE25	8-759-203-36	s	IC TC74HC374P
ICE27	8-759-902-40	s	IC SN74LS240N
ICE28	8-759-902-40	s	IC SN74LS240N
ICE29	8-759-904-80	s	IC 74F04PC
ICE30	8-759-904-81	s	IC 74F08PC
ICE31	8-759-900-04	s	IC SN74LS04N
ICE32	8-759-001-39	s	IC MC74HC164N
ICE33	8-759-202-32	s	IC TC74HC163P
ICE35	8-759-900-04	s	IC SN74LS04N
ICE36	8-759-202-33	s	IC TC74HC240P
ICE37	8-759-202-33	s	IC TC74HC240P
ICF2	8-759-900-00	s	IC SN74LS00N
ICF3	8-759-203-52	s	IC TC74HC595P

(CI-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICF4	8-759-202-32	s	IC TC74HC163P
ICF7	8-759-793-83	s	IC PAL16L8B-CI01141
ICF8	8-759-793-83	s	IC PAL16L8B-CI01141
ICF9	8-759-793-83	s	IC PAL16L8B-CI01141
ICF10	8-759-793-83	s	IC PAL16L8B-CI01141
ICF11	8-759-112-18	s	IC uPD4362C-45
ICF12	8-759-112-18	s	IC uPD4362C-45
ICF14	8-759-902-94	s	IC SN74LS590N
ICF15	8-759-112-18	s	IC uPD4362C-45
ICF16	8-759-112-18	s	IC uPD4362C-45
ICF17	8-759-902-94	s	IC SN74LS590N
ICF18	8-759-794-49	s	IC PAL16L8B-CI01241
ICF19	8-759-112-18	s	IC uPD4362C-45
ICF21	8-759-112-18	s	IC uPD4362C-45
ICF22	8-759-902-94	s	IC SN74LS590N
ICF23	8-759-112-18	s	IC uPD4362C-45
ICF24	8-759-112-18	s	IC uPD4362C-45
ICF25	8-759-902-94	s	IC SN74LS590N
ICF27	8-759-202-14	s	IC TC74HC08P
ICF28	8-759-946-64	s	IC SN74ALS04BN
ICF29	8-759-904-18	s	IC SN74ALS00AN
ICF30	8-759-900-04	s	IC SN74LS04N
ICF31	8-759-900-08	s	IC SN74LS08N
ICF32	8-759-913-63	s	IC SN74ALS374N
ICF33	8-759-913-63	s	IC SN74ALS374N
ICF34	8-759-913-63	s	IC SN74ALS374N
ICG2	8-752-304-30	s	IC CX23043
ICG3	8-752-304-30	s	IC CX23043
ICG4	8-752-304-30	s	IC CX23043
ICG6	8-752-304-30	s	IC CX23043
ICG35	8-759-926-32	s	IC AM26LS32PC
ICH2	8-759-793-10	s	IC VP16V8E-CI01422
ICH3	8-759-793-11	s	IC VP16V8E-CI01412
ICH4	8-759-793-12	s	IC VP16V8E-CI01402
ICH5	8-759-793-13	s	IC VP16V8E-CI01392
ICH7	8-759-793-83	s	IC PAL16L8B-CI01141
ICH8	8-759-793-83	s	IC PAL16L8B-CI01141
ICH9	8-759-793-83	s	IC PAL16L8B-CI01141
ICH10	8-759-793-83	s	IC PAL16L8B-CI01141
ICH11	8-759-203-36	s	IC TC74HC374P
ICH12	8-759-794-48	s	IC PAL16R6B-CI01231
ICH14	8-759-004-80	s	IC MC74HCT374N
ICH15	8-759-203-36	s	IC TC74HC374P
ICH16	8-759-794-47	s	IC PAL16R6B-CI01221
ICH17	8-759-004-80	s	IC MC74HCT374N
ICH18	8-759-202-75	s	IC TC74HCT04P
ICH19	8-759-203-36	s	IC TC74HC374P
ICH21	8-759-794-46	s	IC PAL16R6B-CI01211
ICH22	8-759-004-80	s	IC MC74HCT374N
ICH23	8-759-203-36	s	IC TC74HC374P
ICH24	8-759-794-45	s	IC PAL16R6B-CI01201
ICH25	8-759-004-80	s	IC MC74HCT374N
ICH27	8-759-902-40	s	IC SN74LS240N
ICH28	8-759-202-14	s	IC SN74ALS04AN
ICH29	8-759-946-64	s	IC SN74ALS04BN
ICH30	8-759-900-67	s	IC SN74ALS02N
ICH31	8-759-902-40	s	IC SN74LS240N
ICH32	8-759-913-63	s	IC SN74ALS374N
ICH33	8-759-913-63	s	IC SN74ALS374N
ICH34	8-759-913-63	s	IC SN74ALS374N
ICH35	8-759-913-63	s	IC SN74ALS374N
ICJ2	8-759-917-52	s	IC 74F138PC
ICJ3	8-759-794-66	s	IC PAL16R8B-CI01383
ICJ4	8-759-203-36	s	IC TC74HC374P
ICJ5	8-759-004-80	s	IC MC74HCT374N
ICJ10	8-752-322-09	s	IC CXK5814P-35L
ICJ11	8-759-917-52	s	IC 74F138PC
ICJ12	8-759-794-66	s	IC PAL16R8B-CI01383
ICJ13	8-759-203-36	s	IC TC74HC374P
ICJ14	8-759-004-80	s	IC MC74HCT374N

(CI-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ19	8-752-322-09	s	IC CXK5814P-35L
ICJ20	8-759-917-52	s	IC 74F138PC
ICJ21	8-759-794-66	s	IC PAL16R8B-CI01383
ICJ22	8-759-203-36	s	IC TC74HC374P
ICJ23	8-759-004-80	s	IC MC74HCT374N
ICJ28	8-752-322-09	s	IC CXK5814P-35L
ICJ29	8-759-917-52	s	IC 74F138PC
ICJ30	8-759-794-66	s	IC PAL16R8B-CI01383
ICJ31	8-759-203-36	s	IC TC74HC374P
ICJ32	8-759-004-80	s	IC MC74HCT374N
ICJ37	8-752-322-09	s	IC CXK5814P-35L
ICK2	8-759-794-59	s	IC VP16V8E-CI01373
ICK3	8-752-304-30	s	IC CX23043
ICK4	8-759-004-80	s	IC MC74HCT374N
ICK5	8-759-774-96	s	IC MB7124H-CI01011
ICK7	8-759-107-86	s	IC CXD1038G
ICK10	8-752-322-09	s	IC CXK5814P-35L
ICK11	8-759-794-59	s	IC VP16V8E-CI01373
ICK12	8-752-304-30	s	IC CX23043
ICK13	8-759-004-80	s	IC MC74HCT374N
ICK14	8-759-774-96	s	IC MB7124H-CI01011
ICK16	8-759-107-86	s	IC CXD1038G
ICK19	8-752-322-09	s	IC CXK5814P-35L
ICK20	8-759-794-59	s	IC VP16V8E-CI01373
ICK21	8-752-304-30	s	IC CX23043
ICK22	8-759-004-80	s	IC MC74HCT374N
ICK23	8-759-774-96	s	IC MB7124H-CI01011
ICK25	8-759-107-86	s	IC CXD1038G
ICK28	8-752-322-09	s	IC CXK5814P-35L
ICK29	8-759-794-59	s	IC VP16V8E-CI01373
ICK30	8-752-304-30	s	IC CX23043
ICK31	8-759-004-80	s	IC MC74HCT374N
ICK32	8-759-774-96	s	IC MB7124H-CI01011
ICK35	8-759-107-86	s	IC CXD1038G
ICK37	8-752-322-09	s	IC CXK5814P-35L
ICL2	8-759-904-38	s	IC SN74ALS32N
ICL3	8-759-793-16	s	IC VP16V8E-CI01362
ICL4	8-759-902-94	s	IC SN74LS590N
ICL5	8-759-918-33	s	IC CX20160
ICL6	8-759-918-33	s	IC CX20160
ICL7	8-759-004-80	s	IC MC74HCT374N
ICL8	8-759-913-63	s	IC SN74ALS374N
ICL9	8-759-913-63	s	IC SN74ALS374N
ICL10	8-759-202-75	s	IC TC74HCT04P
ICL11	8-759-904-38	s	IC SN74ALS32N
ICL12	8-759-793-16	s	IC VP16V8E-CI01362
ICL13	8-759-902-94	s	IC SN74LS590N
ICL14	8-759-918-33	s	IC CX20160
ICL15	8-759-918-33	s	IC CX20160
ICL16	8-759-004-80	s	IC MC74HCT374N
ICL17	8-759-913-63	s	IC SN74ALS374N
ICL18	8-759-913-63	s	IC SN74ALS374N
ICL19	8-759-202-75	s	IC TC74HCT04P
ICL20	8-759-904-38	s	IC SN74ALS32N
ICL21	8-759-793-16	s	IC VP16V8E-CI01362
ICL22	8-759-902-94	s	IC SN74LS590N
ICL23	8-759-918-33	s	IC CX20160
ICL24	8-759-918-33	s	IC CX20160
ICL25	8-759-004-80	s	IC MC74HCT374N
ICL26	8-759-913-63	s	IC SN74ALS374N
ICL27	8-759-913-63	s	IC SN74ALS374N
ICL28	8-759-202-75	s	IC TC74HCT04P
ICL29	8-759-904-38	s	IC SN74ALS32N
ICL30	8-759-793-16	s	IC VP16V8E-CI01362
ICL31	8-759-902-94	s	IC SN74LS590N
ICL32	8-759-918-33	s	IC CX20160
ICL33	8-759-918-33	s	IC CX20160
ICL34	8-759-004-80	s	IC MC74HCT374N
ICL35	8-759-913-63	s	IC SN74ALS374N
ICL36	8-759-913-63	s	IC SN74ALS374N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(CI-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICL37	8-759-202-75	s	IC TC74HCT04P
JS1	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS2	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS3	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS4	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS5	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS6	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS7	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS8	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS9	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS10	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB14	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
SW101	1-570-623-11	s	SWITCH, DIP 4CKT
X1	1-527-828-00	s	CRYSTAL 12.000MHz

CN-159 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	1-620-938-11	o	PC BOARD, CN-159 WITHOUT COMPONENT
1pc	7-621-775-10	s	SCREW +B 2.6×4

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

CN-190 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	1-621-345-11	o	PC BOARD, CN-190 WITHOUT COMPONENT
C1	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C2	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C3	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C4	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C5	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C6	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C7	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C8	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C9	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C10	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C11	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C12	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C13	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C14	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C15	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C16	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C17	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C18	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C19	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C20	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C21	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C22	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C23	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C24	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C25	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C26	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C27	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C28	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C29	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C30	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V

CN-227 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	1-623-256-12	o	PC BOARD, CN-227 WITHOUT COMPONENT
C31	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C32	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C33	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C34	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C35	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C36	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V
C37	1-162-806-11	s	CAP, CERAMIC 0.1uF 10% 50V

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

DP-60 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6025-109-A	o	COMPLETE PCB, DP-60
(This assembly includes the following parts.)			
C1	1-161-379-00	s	CAP, CERAMIC 0.01uF 20% 25V
C2	1-124-462-00	s	CAP, ELECT 10uF 20% 16V
C3	1-161-379-00	s	CAP, CERAMIC 0.01uF 20% 25V
C4	1-161-379-00	s	CAP, CERAMIC 0.01uF 20% 25V
C5	1-161-379-00	s	CAP, CERAMIC 0.01uF 20% 25V
C6	1-161-379-00	s	CAP, CERAMIC 0.01uF 20% 25V
C7	1-161-379-00	s	CAP, CERAMIC 0.01uF 20% 25V
CN015M	1-560-726-00	o	RECEP, 20P, MALE
CN019M	1-560-300-00	o	RECEP, IL 3P, MALE
D1	8-719-907-43	s	DIODE LD-701GG
D2	8-719-907-43	s	DIODE LD-701GG
D3	8-719-907-43	s	DIODE LD-701GG
D4	8-719-907-43	s	DIODE LD-701GG
D5	8-719-907-43	s	DIODE LD-701GG
D6	8-719-907-43	s	DIODE LD-701GG
D7	8-719-907-43	s	DIODE LD-701GG
D8	8-719-907-43	s	DIODE LD-701GG
D9	8-719-907-43	s	DIODE LD-701GG
D10	8-719-907-43	s	DIODE LD-701GG
D11	8-719-919-96	s	DIODE LD-101MG-J
D12	8-719-940-87	s	DIODE LD-101VR
D13	8-719-919-96	s	DIODE LD-101MG-J
D14	8-719-940-87	s	DIODE LD-101VR
D15	8-719-919-96	s	DIODE LD-101MG-J
D16	8-719-940-87	s	DIODE LD-101VR
D17	8-719-919-96	s	DIODE LD-101MG-J
D18	8-719-940-87	s	DIODE LD-101VR
D19	8-719-919-96	s	DIODE LD-101MG-J
D20	8-719-940-87	s	DIODE LD-101VR
D21	8-719-919-96	s	DIODE LD-101MG-J
D22	8-719-940-87	s	DIODE LD-101VR
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
IC1	8-759-902-44	s	IC SN74LS244N
IC2	8-759-902-44	s	IC SN74LS244N
IC3	8-759-902-44	s	IC SN74LS244N
IC4	8-759-902-44	s	IC SN74LS244N
IC5	8-759-902-44	s	IC SN74LS244N
IC6	8-759-902-44	s	IC SN74LS244N
IC7	8-759-903-74	s	IC SN74LS374N
IC8	8-759-903-74	s	IC SN74LS374N
IC9	8-759-903-74	s	IC SN74LS374N
IC10	8-759-901-39	s	IC SN74LS139N
R1	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R2	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R3	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R4	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R5	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R6	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R7	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R8	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R9	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R10	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R11	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R12	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R13	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R14	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R15	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R16	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R17	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R18	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R19	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R20	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R21	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R22	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R23	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R24	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R25	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R26	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R27	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R28	1-249-410-11	s	RES, CARBON 270 5% 1/6W

(DP-60 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
R29	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R30	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R31	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R32	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R33	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R34	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R35	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R36	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R37	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R38	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R39	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R40	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R41	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R42	1-249-410-11	s	RES, CARBON 270 5% 1/6W
R43	1-249-410-11	s	RES, CARBON 270 5% 1/6W

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

DS-18 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	1-620-936-11	o	PC BOARD, DS-18 WITHOUT COMPONENT
CN401M	1-560-727-00	o	RECEP, 26P, MALE
CN655F	1-563-826-11	s	RECEP, D-SUB 15P, FEMALE
CN656F	1-563-826-11	s	RECEP, D-SUB 15P, FEMALE
CN657F	1-563-826-11	s	RECEP, D-SUB 15P, FEMALE

FM-09 BOARD, DVPC-1000

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-013-A	o	COMPLETE PCB, FM-09
(This assembly includes the following parts.)			
1pc	3-715-724-21	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
6pcs	7-628-253-40	s	SCREW +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW 2.6X6
C102	1-102-108-00	s	CAP, CERAMIC 150PF 10% 50V
CN5	1-560-733-00	s	PIN, SHORT
CN6	1-560-733-00	s	PIN, SHORT
CN7	1-560-733-00	s	PIN, SHORT
CN8	1-560-733-00	s	PIN, SHORT
CN9	1-560-733-00	s	PIN, SHORT
CN10	1-560-733-00	s	PIN, SHORT
CN11	1-560-733-00	s	PIN, SHORT
CN12	1-560-733-00	s	PIN, SHORT
CN13	1-560-733-00	s	PIN, SHORT
CN21	1-560-733-00	s	PIN, SHORT
CN22	1-560-733-00	s	PIN, SHORT
CN23	1-560-733-00	s	PIN, SHORT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-404-07	s	DIODE LN45YP
D2	8-719-404-07	s	DIODE LN45YP
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A
F2	⚠ 1-532-926-12	s	FUSE, MICRO 10A
ICA1	8-759-004-80	s	IC MC74HCT374N
ICA2	8-759-903-77	s	IC SN74LS377N
ICA3	8-759-790-71	s	IC VP16V8E-FM09261
ICA4	8-759-777-41	s	IC VP16V8E-FM09232
ICA5	8-759-790-69	s	IC VP16V8E-FM09241
ICA6	8-759-778-01	s	IC VP16V8E-FM09272
ICA7	8-759-790-73	s	IC VP16V8E-FM09282
ICA8	8-759-004-80	s	IC MC74HCT374N
ICA9	8-759-004-80	s	IC MC74HCT374N
ICA10	8-759-903-77	s	IC SN74LS377N
ICA11	8-759-790-70	s	IC VP16V8E-FM09251
ICA12	8-759-777-41	s	IC VP16V8E-FM09232
ICA13	8-759-790-69	s	IC VP16V8E-FM09241
ICA14	8-759-778-01	s	IC VP16V8E-FM09272
ICA15	8-759-790-73	s	IC VP16V8E-FM09282
ICA16	8-759-004-80	s	IC MC74HCT374N
ICA17	8-759-916-07	s	IC CX23038
ICA19	8-759-900-32	s	IC SN74LS32N
ICA20	8-759-901-64	s	IC SN74LS164N
ICA23	8-752-304-30	s	IC CX23043
ICA26	8-752-304-30	s	IC CX23043
ICA27	8-759-790-74	s	IC VP16V8E-FM09291
ICA28	8-759-004-80	s	IC MC74HCT374N
ICA29	8-759-112-21	s	IC uPD4314C-35
ICA30	8-752-322-09	s	IC CXK5814P-35L
ICA31	8-759-004-80	s	IC MC74HCT374N
ICA32	8-759-203-36	s	IC TC74HC374P
ICA33	8-759-904-87	s	IC 74F374PC
ICB1	8-759-202-55	s	IC TC74HC244P
ICB2	8-759-775-28	s	IC MBM27C256-FM09041
ICB4	8-759-775-29	s	IC MBM27C256-FM09051
ICB5	8-759-775-30	s	IC MBM27C256-FM09061
ICB7	8-759-004-80	s	IC MC74HCT374N
ICB8	8-759-004-80	s	IC MC74HCT374N
ICB9	8-759-775-27	s	IC MBM27C256-FM09031
ICB11	8-759-775-29	s	IC MBM27C256-FM09051
ICB12	8-759-775-30	s	IC MBM27C256-FM09061
ICB13	8-759-004-80	s	IC MC74HCT374N
ICB14	8-759-004-80	s	IC MC74HCT374N
ICB15	8-759-203-16	s	IC TC74HCT244P
ICB16	8-759-203-68	s	IC TC74HC4040P
ICB17	8-759-203-68	s	IC TC74HC4040P
ICB18	8-759-203-68	s	IC TC74HC4040P
ICB19	8-759-203-68	s	IC TC74HC4040P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(FM-09 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICB20	8-759-901-64	s	IC SN74LS164N
ICB21	8-759-900-32	s	IC SN74LS32N
ICB22	8-759-777-42	s	IC VP16V8E-FM09412
ICB23	8-759-790-87	s	IC VP16V8E-FM09421
ICB24	8-759-793-09	s	IC VP16V8E-FM09434
ICB25	8-759-202-26	s	IC TC74HC138P
ICB26	8-759-790-85	s	IC VP16V8E-FM09401
ICB27	8-759-790-74	s	IC VP16V8E-FM09291
ICB28	8-759-004-80	s	IC MC74HCT374N
ICB29	8-752-322-09	s	IC CXK5814P-35L
ICB30	8-759-112-21	s	IC uPD4314C-35
ICB31	8-759-004-80	s	IC MC74HCT374N
ICB32	8-759-203-36	s	IC TC74HC374P
ICB33	8-759-904-87	s	IC 74F374PC
ICC1	8-759-202-55	s	IC TC74HC244P
ICC2	8-759-004-80	s	IC MC74HCT374N
ICC3	8-759-790-79	s	IC VP16V8E-FM09341
ICC4	8-759-903-99	s	IC SN74LS399N
ICC5	8-752-304-30	s	IC CX23043
ICC6	8-752-304-30	s	IC CX23043
ICC7	8-759-004-80	s	IC MC74HCT374N
ICC8	8-759-790-78	s	IC VP16V8E-FM09331
ICC9	8-759-903-99	s	IC SN74LS399N
ICC10	8-752-304-30	s	IC CX23043
ICC11	8-752-304-30	s	IC CX23043
ICC12	8-759-904-14	s	IC SN74ALS04AN
ICC13	8-759-774-65	s	IC MB7138HSK-FM09101
ICC14	8-759-774-66	s	IC MB7138HSK-FM09111
ICC15	8-759-774-67	s	IC MB7138HSK-FM09121
ICC16	8-759-203-36	s	IC TC74HC374P
ICC17	8-759-203-36	s	IC TC74HC374P
ICC18	8-759-203-36	s	IC TC74HC374P
ICC19	8-759-203-36	s	IC TC74HC374P
ICC20	8-759-904-18	s	IC SN74ALS00AN
ICC21	8-759-904-14	s	IC SN74ALS04AN
ICC22	8-759-904-18	s	IC SN74ALS00AN
ICC23	8-759-904-79	s	IC 74F00PC
ICC24	8-759-004-82	s	IC MC74HCT534N
ICC27	8-759-777-57	s	IC MBL8742H-FM090111
ICC28	8-759-913-63	s	IC SN74ALS374N
ICC29	8-759-913-63	s	IC SN74ALS374N
ICC30	8-759-912-48	s	IC SN74ALS874NT
ICC31	8-759-004-80	s	IC MC74HCT374N
ICC32	8-759-912-48	s	IC SN74ALS874NT
ICC33	8-759-904-87	s	IC 74F374PC
ICD1	8-759-790-67	s	IC VP16V8E-FM09221
ICD2	8-759-790-66	s	IC VP16V8E-FM09211
ICD3	8-759-790-66	s	IC VP16V8E-FM09211
ICD4	8-759-790-66	s	IC VP16V8E-FM09211
ICD5	8-759-790-66	s	IC VP16V8E-FM09211
ICD6	8-759-790-66	s	IC VP16V8E-FM09211
ICD7	8-759-790-67	s	IC VP16V8E-FM09221
ICD8	8-759-790-66	s	IC VP16V8E-FM09211
ICD9	8-759-790-66	s	IC VP16V8E-FM09211
ICD10	8-759-790-66	s	IC VP16V8E-FM09211
ICD11	8-759-790-66	s	IC VP16V8E-FM09211
ICD12	8-759-790-66	s	IC VP16V8E-FM09211
ICD13	8-759-790-74	s	IC VP16V8E-FM09291
ICD14	8-752-304-30	s	IC CX23043
ICD15	8-752-304-30	s	IC CX23043
ICD16	8-759-908-71	s	IC SN74ALS244AN
ICD17	8-759-902-40	s	IC SN74LS240N
ICD18	8-759-901-09	s	IC SN74ALS109AN
ICD19	8-759-901-09	s	IC SN74ALS109AN
ICD20	8-759-904-81	s	IC 74F08PC
ICD21	8-759-202-75	s	IC TC74HCT04P
ICD22	8-759-902-40	s	IC SN74LS240N
ICD23	8-759-902-44	s	IC SN74LS244N
ICD24	8-759-913-63	s	IC SN74ALS374N
ICD25	8-759-103-88	s	IC uPD82C43CY

(FM-09 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICD28	8-759-774-70	s	IC MB7138HSK-FM09151
ICD29	8-759-774-71	s	IC MB7138HSK-FM09161
ICD30	8-759-774-72	s	IC MB7138HSK-FM09171
ICD31	8-759-926-40	s	IC SN74LS640N
ICD32	8-759-904-09	s	IC SN74LS688N
ICD33	8-759-912-12	s	IC SN74ALS240AN
ICE1	8-759-112-25	s	IC uPD4361C-45
ICE2	8-759-112-25	s	IC uPD4361C-45
ICE3	8-759-112-25	s	IC uPD4361C-45
ICE4	8-759-112-25	s	IC uPD4361C-45
ICE5	8-759-112-25	s	IC uPD4361C-45
ICE6	8-759-112-25	s	IC uPD4361C-45
ICE7	8-759-112-25	s	IC uPD4361C-45
ICE8	8-759-112-25	s	IC uPD4361C-45
ICE9	8-759-112-25	s	IC uPD4361C-45
ICE10	8-759-112-25	s	IC uPD4361C-45
ICE11	8-759-112-25	s	IC uPD4361C-45
ICE12	8-759-112-25	s	IC uPD4361C-45
ICE13	8-759-775-31	s	IC MBM27C256-FM09071
ICE15	8-759-775-32	s	IC MBM27C256-FM09081
ICE16	8-759-900-00	s	IC SN74LS00N
ICE17	8-759-775-48	s	IC MB7112H-FM09201
ICE18	8-759-906-66	s	IC 74F86PC
ICE19	8-759-904-81	s	IC 74F08PC
ICE20	8-759-901-75	s	IC SN74LS175N
ICE21	8-759-900-04	s	IC SN74LS04N
ICE22	8-759-912-12	s	IC SN74ALS240AN
ICE23	8-759-775-41	s	IC MBM27C32-FM09091
ICE25	8-759-916-07	s	IC CX23038
ICE27	8-759-916-07	s	IC CX23038
ICE28	8-759-937-48	s	IC SN74ALS157N
ICE29	8-759-937-48	s	IC SN74ALS157N
ICE30	8-759-918-33	s	IC CX20160
ICE31	8-759-902-45	s	IC SN74LS245N
ICE32	8-759-912-12	s	IC SN74ALS240AN
ICE33	8-759-926-32	s	IC AM26LS32PC
ICF1	8-759-939-50	s	IC AM2966PC
ICF2	8-759-939-50	s	IC AM2966PC
ICF3	8-759-939-50	s	IC AM2966PC
ICF4	8-759-939-50	s	IC AM2966PC
ICF5	8-759-939-50	s	IC AM2966PC
ICF6	8-759-939-50	s	IC AM2966PC
ICF7	8-759-939-50	s	IC AM2966PC
ICF8	8-759-939-50	s	IC AM2966PC
ICF9	8-759-939-50	s	IC AM2966PC
ICF10	8-759-939-50	s	IC AM2966PC
ICF11	8-759-939-50	s	IC AM2966PC
ICF12	8-759-939-50	s	IC AM2966PC
ICF13	8-759-912-07	s	IC SN74ALS163AN
ICF14	8-759-004-80	s	IC MC74HCT374N
ICF15	8-759-790-75	s	IC VP16V8E-FM09301
ICF16	8-759-917-72	s	IC 74F244PC
ICF17	8-759-902-40	s	IC SN74LS240N
ICF18	8-759-904-28	s	IC SN74ALS10N
ICF19	8-759-904-18	s	IC SN74ALS00AN
ICF21	8-759-904-18	s	IC SN74ALS00AN
ICF22	8-759-902-40	s	IC SN74LS240N
ICF23	8-759-774-49	s	IC MB7128H-FM09181
ICF24	8-752-304-30	s	IC CX23043
ICF25	8-759-790-81	s	IC VP16V8E-FM09361
ICF26	8-759-774-69	s	IC MB7138HSK-FM09141
ICF27	8-759-774-68	s	IC MB7138HSK-FM09131
ICF28	8-759-937-48	s	IC SN74ALS157N
ICF29	8-759-937-48	s	IC SN74ALS157N
ICF30	8-759-918-33	s	IC CX20160
ICF31	8-759-913-63	s	IC SN74ALS374N
ICF32	8-759-913-63	s	IC SN74ALS374N
ICG1	8-759-109-81	s	IC uPD41464C-10
ICG2	8-759-109-81	s	IC uPD41464C-10
ICG3	8-759-109-81	s	IC uPD41464C-10

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(FM-09 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICG4	8-759-109-81	s	IC uPD41464C-10
ICG5	8-759-109-81	s	IC uPD41464C-10
ICG6	8-759-109-81	s	IC uPD41464C-10
ICG7	8-759-109-81	s	IC uPD41464C-10
ICG8	8-759-109-81	s	IC uPD41464C-10
ICG9	8-759-109-81	s	IC uPD41464C-10
ICG10	8-759-109-81	s	IC uPD41464C-10
ICG11	8-759-109-81	s	IC uPD41464C-10
ICG12	8-759-109-81	s	IC uPD41464C-10
ICG13	8-759-902-44	s	IC SN74LS244N
ICG14	8-759-790-76	s	IC VP16V8E-FM09312
ICG15	8-759-790-77	s	IC VP16V8E-FM09321
ICG16	8-759-103-88	s	IC uPD82C43CY
ICG17	8-759-904-79	s	IC 74F00PC
ICG18	8-759-203-11	s	IC TC74HCT240P
ICG19	8-759-902-57	s	IC SN74LS257AN
ICG21	8-759-902-57	s	IC SN74LS257AN
ICG22	8-759-791-29	s	IC VP16V8E-FM09393
ICG23	8-759-791-40	s	IC VP16V8E-FM09382
ICG24	8-759-790-80	s	IC VP16V8E-FM09351
ICG25	8-759-791-41	s	IC VP16V8E-FM09372
ICG26	8-759-900-67	s	IC SN74ALS02N
ICG27	8-759-906-78	s	IC 74F399PC
ICG28	8-759-906-78	s	IC 74F399PC
ICG29	8-759-906-78	s	IC 74F399PC
ICG30	8-759-904-26	s	IC SN74ALS08N
ICG31	8-759-912-48	s	IC SN74ALS874NT
ICG32	8-759-902-57	s	IC SN74LS257AN
ICH1	8-759-109-81	s	IC uPD41464C-10
ICH2	8-759-109-81	s	IC uPD41464C-10
ICH3	8-759-109-81	s	IC uPD41464C-10
ICH4	8-759-109-81	s	IC uPD41464C-10
ICH5	8-759-109-81	s	IC uPD41464C-10
ICH6	8-759-109-81	s	IC uPD41464C-10
ICH7	8-759-109-81	s	IC uPD41464C-10
ICH8	8-759-109-81	s	IC uPD41464C-10
ICH9	8-759-109-81	s	IC uPD41464C-10
ICH10	8-759-109-81	s	IC uPD41464C-10
ICH11	8-759-109-81	s	IC uPD41464C-10
ICH12	8-759-109-81	s	IC uPD41464C-10
ICH13	8-759-902-40	s	IC SN74LS240N
ICH16	8-759-202-26	s	IC TC74HC138P
ICH17	8-759-937-47	s	IC SN74ALS86N
ICH18	8-759-775-00	s	IC MB7124H-FM09191
ICH21	8-759-107-86	s	IC CXD1038G
ICH23	8-759-004-80	s	IC MC74HCT374N
ICH25	8-759-107-86	s	IC CXD1038G
ICH27	8-759-004-80	s	IC MC74HCT374N
ICH28	8-759-004-80	s	IC MC74HCT374N
ICH29	8-759-112-21	s	IC uPD4314C-35
ICH30	8-752-322-09	s	IC CXK5814P-35L
ICH31	8-759-913-63	s	IC SN74ALS374N
ICH32	8-759-913-63	s	IC SN74ALS374N
ICJ1	8-759-937-86	s	IC CX20214
ICJ2	8-759-937-86	s	IC CX20214
ICJ4	8-759-937-86	s	IC CX20214
ICJ5	8-759-937-86	s	IC CX20214
ICJ6	8-759-004-80	s	IC MC74HCT374N
ICJ7	8-759-937-86	s	IC CX20214
ICJ8	8-759-937-86	s	IC CX20214
ICJ10	8-759-937-86	s	IC CX20214
ICJ11	8-759-937-86	s	IC CX20214
ICJ12	8-759-004-80	s	IC MC74HCT374N
ICJ14	PENDING	s	IC MBL8749H-FM090216
ICJ16	8-759-103-88	s	IC uPD82C43CY
ICJ17	8-759-902-45	s	IC SN74LS245N
ICJ18	8-759-112-21	s	IC uPD4314C-35
ICJ19	8-759-112-21	s	IC uPD4314C-35
ICJ21	8-752-322-09	s	IC CXK5814P-35L
ICJ22	8-752-322-09	s	IC CXK5814P-35L

(FM-09 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10899 (UC)
#10001 TO 10899 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ23	8-759-775-00	s	IC MB7124H-FM09191
ICJ24	8-752-322-09	s	IC CXK5814P-35L
ICJ25	8-752-322-09	s	IC CXK5814P-35L
ICJ26	8-759-112-21	s	IC uPD4314C-35
ICJ27	8-759-112-21	s	IC uPD4314C-35
ICJ28	8-759-004-80	s	IC MC74HCT374N
ICJ29	8-759-112-21	s	IC uPD4314C-35
ICJ30	8-752-322-09	s	IC CXK5814P-35L
ICJ31	8-759-913-63	s	IC SN74ALS374N
ICJ32	8-759-913-63	s	IC SN74ALS374N
JS1	1-561-832-00	s	SOCKET, SHORT
JS2	1-561-832-00	s	SOCKET, SHORT
JS3	1-561-832-00	s	SOCKET, SHORT
JS4	1-561-832-00	s	SOCKET, SHORT
JS5	1-561-832-00	s	SOCKET, SHORT
JS6	1-561-832-00	s	SOCKET, SHORT
JS7	1-561-832-00	s	SOCKET, SHORT
JS8	1-561-832-00	s	SOCKET, SHORT
JS9	1-561-832-00	s	SOCKET, SHORT
JS10	1-561-832-00	s	SOCKET, SHORT
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-398-00	s	RESISTOR BLOCK, 270X8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB11	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB12	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-398-00	s	RESISTOR BLOCK, 270X8
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
S6	1-553-925-00	s	SWITCH, ROTARY
S7	1-553-925-00	s	SWITCH, ROTARY
S8	1-553-925-00	s	SWITCH, ROTARY
S9	1-553-925-00	s	SWITCH, ROTARY

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

FM-09 BOARD, DVPC-1000

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-013-A	o	COMPLETE PCB, FM-09
(This assembly includes the following parts.)			
2pcs	3-673-249-11	o	LEVER, PC BOARD
1pc	3-715-724-21	o	LABEL (2), SERIAL NUMBER
2pcs	7-621-775-10	s	SCREW +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
6pcs	7-628-253-40	s	SCREW +PS 2X10
1pc	7-628-254-00	s	SCREW +PSW 2.6X5
20pcs	7-628-254-10	s	+PSW, 2.6X6
2pcs	7-628-254-20	s	+PSW, 2.6X8
C107	1-102-108-00	s	CAP, CERAMIC 150PF 10% 50V
CN3	1-566-391-11	s	PIN, CONNECTOR 20P
CN4	1-566-391-11	s	PIN, CONNECTOR 20P
CN5	1-566-385-11	s	PIN, CONNECTOR 2P
CN6	1-566-385-11	s	PIN, CONNECTOR 2P
CN7	1-566-385-11	s	PIN, CONNECTOR 2P
CN8	1-566-385-11	s	PIN, CONNECTOR 2P
CN10	1-566-385-11	s	PIN, CONNECTOR 2P
CN11	1-566-385-11	s	PIN, CONNECTOR 2P
CN12	1-566-385-11	s	PIN, CONNECTOR 2P
CN13	1-566-385-11	s	PIN, CONNECTOR 2P
CN21	1-566-385-11	s	PIN, CONNECTOR 2P
CN22	1-566-385-11	s	PIN, CONNECTOR 2P
CN23	1-566-385-11	s	PIN, CONNECTOR 2P
CN101	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-404-07	s	DIODE LN45YP
D2	8-719-404-07	s	DIODE LN45YP
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-759-004-80	s	IC MC74HCT374N
ICA2	8-759-903-77	s	IC SN74LS377N
ICA3	8-759-794-81	s	IC PAL16R4B-FM09261
ICA4	8-759-777-41	s	IC VP16V8E-FM09232
ICA5	8-759-793-84	s	IC PAL16R8B-FM09241
ICA6	8-759-794-82	s	IC PAL16R4B-FM09272
ICA7	8-759-794-97	s	IC PAL16L8B-FM09282
ICA8	8-759-004-80	s	IC MC74HCT374N
ICA9	8-759-004-80	s	IC MC74HCT374N
ICA10	8-759-903-77	s	IC SN74LS377N
ICA11	8-759-794-80	s	IC PAL16R4B-FM09251
ICA12	8-759-777-41	s	IC VP16V8E-FM09232
ICA13	8-759-793-84	s	IC PAL16R8B-FM09241
ICA14	8-759-794-82	s	IC PAL16R4B-FM09272
ICA15	8-759-794-97	s	IC PAL16L8B-FM09282
ICA16	8-759-004-80	s	IC MC74HCT374N
ICA17	8-759-916-07	s	IC CX23038
ICA19	8-759-900-32	s	IC SN74LS32N
ICA20	8-759-901-64	s	IC SN74LS164N
ICA23	8-752-304-30	s	IC CX23043
ICA26	8-752-304-30	s	IC CX23043
ICA27	8-759-793-85	s	IC PAL16L8B-FM09291
ICA28	8-759-004-80	s	IC MC74HCT374N
ICA29	8-752-322-12	s	IC CXK5416P-35
ICA30	8-752-322-10	s	IC CXK5814P-45L
ICA31	8-759-004-80	s	IC MC74HCT374N
ICA32	8-759-203-36	s	IC TC74HC374P
ICA33	8-759-904-87	s	IC 74F374PC
ICB1	8-759-202-55	s	IC TC74HC244P
ICB2	8-759-971-94	s	IC MBM27C256A-FM09042
ICB4	8-759-786-59	s	IC MBM27C256A-FM09051
ICB5	8-759-786-60	s	IC MBM27C256A-FM09061
ICB7	8-759-004-80	s	IC MC74HCT374N
ICB8	8-759-004-80	s	IC MC74HCT374N
ICB9	8-759-786-57	s	IC MBM27C256A-FM09032
ICB11	8-759-786-59	s	IC MBM27C256A-FM09051
ICB12	8-759-786-60	s	IC MBM27C256A-FM09061
ICB13	8-759-004-80	s	IC MC74HCT374N
ICB14	8-759-004-80	s	IC MC74HCT374N

(FM-09 BOARD, DVPC-1000)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICB15	8-759-203-16	s	IC TC74HCT244P
ICB16	8-759-203-68	s	IC TC74HC4040P
ICB17	8-759-203-68	s	IC TC74HC4040P
ICB18	8-759-203-68	s	IC TC74HC4040P
ICB19	8-759-203-68	s	IC TC74HC4040P
ICB20	8-759-901-64	s	IC SN74LS164N
ICB21	8-759-900-32	s	IC SN74LS32N
ICB22	8-759-794-96	s	IC PAL16R6B-FM09441
ICB23	8-759-794-95	s	IC PAL16R6B-FM09421
ICB24	8-759-794-88	s	IC PAL16R4B-FM09434
ICB25	8-759-202-26	s	IC TC74HC138P
ICB26	8-759-794-87	s	IC PAL16R4B-FM09401
ICB27	8-759-793-85	s	IC PAL16L8B-FM09291
ICB28	8-759-004-80	s	IC MC74HCT374N
ICB29	8-752-322-10	s	IC CXK5814P-45L
ICB30	8-752-322-12	s	IC CXK5416P-35
ICB31	8-759-004-80	s	IC MC74HCT374N
ICB32	8-759-203-36	s	IC TC74HC374P
ICB33	8-759-904-87	s	IC 74F374PC
ICC1	8-759-202-55	s	IC TC74HC244P
ICC2	8-759-004-80	s	IC MC74HCT374N
ICC3	8-759-794-84	s	IC PAL16R4B-FM09341
ICC4	8-759-903-99	s	IC SN74LS399N
ICC5	8-752-304-30	s	IC CX23043
ICC6	8-752-304-30	s	IC CX23043
ICC7	8-759-004-80	s	IC MC74HCT374N
ICC8	8-759-794-91	s	IC PAL16R6B-FM09331
ICC9	8-759-903-99	s	IC SN74LS399N
ICC10	8-752-304-30	s	IC CX23043
ICC11	8-752-304-30	s	IC CX23043
ICC12	8-759-946-64	s	IC SN74ALS04BN
ICC13	8-759-774-65	s	IC MB7138HSK-FM09101
ICC14	8-759-774-66	s	IC MB7138HSK-FM09111
ICC15	8-759-774-67	s	IC MB7138HSK-FM09121
ICC16	8-759-203-36	s	IC TC74HC374P
ICC17	8-759-203-36	s	IC TC74HC374P
ICC18	8-759-203-36	s	IC TC74HC374P
ICC19	8-759-203-36	s	IC TC74HC374P
ICC20	8-759-904-18	s	IC SN74ALS00AN
ICC21	8-759-946-64	s	IC SN74ALS04BN
ICC22	8-759-904-18	s	IC SN74ALS00AN
ICC23	8-759-904-79	s	IC 74F00PC
ICC24	8-759-004-82	s	IC MC74HCT534N
ICC27	8-759-777-57	s	IC MBL8742H-FM090111
ICC28	8-759-913-63	s	IC SN74ALS374N
ICC29	8-759-913-63	s	IC SN74ALS374N
ICC30	8-759-912-48	s	IC SN74ALS874NT
ICC31	8-759-004-80	s	IC MC74HCT374N
ICC32	8-759-912-48	s	IC SN74ALS874NT
ICC33	8-759-904-87	s	IC 74F374PC
ICD1	8-759-793-74	s	IC PAL16R6B-FM09221
ICD2	8-759-793-73	s	IC PAL16R6B-FM09211
ICD3	8-759-793-73	s	IC PAL16R6B-FM09211
ICD4	8-759-793-73	s	IC PAL16R6B-FM09211
ICD5	8-759-793-73	s	IC PAL16R6B-FM09211
ICD6	8-759-793-73	s	IC PAL16R6B-FM09211
ICD7	8-759-793-74	s	IC PAL16R6B-FM09221
ICD8	8-759-793-73	s	IC PAL16R6B-FM09211
ICD9	8-759-793-73	s	IC PAL16R6B-FM09211
ICD10	8-759-793-73	s	IC PAL16R6B-FM09211
ICD11	8-759-793-73	s	IC PAL16R6B-FM09211
ICD12	8-759-793-73	s	IC PAL16R6B-FM09211
ICD13	8-759-793-85	s	IC PAL16L8B-FM09291
ICD14	8-752-304-30	s	IC CX23043
ICD15	8-752-304-30	s	IC CX23043
ICD16	8-759-908-71	s	IC SN74ALS244AN
ICD17	8-759-902-40	s	IC SN74LS240N
ICD18	8-759-904-48	s	IC SN74LS109N
ICD19	8-759-904-48	s	IC SN74LS109N
ICD20	8-759-904-81	s	IC 74F08PC

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(FM-09 BOARD, DVPC-1000)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICD21	8-759-202-75	s	IC TC74HCT04P
ICD22	8-759-902-40	s	IC SN74LS240N
ICD23	8-759-902-44	s	IC SN74LS244N
ICD24	8-759-913-63	s	IC SN74ALS374N
ICD25	8-759-103-88	s	IC UPD82C43CY
ICD28	8-759-774-70	s	IC MB7138HSK-FM09151
ICD29	8-759-774-71	s	IC MB7138HSK-FM09161
ICD30	8-759-774-72	s	IC MB7138HSK-FM09171
ICD31	8-759-926-40	s	IC SN74LS640N
ICD32	8-759-904-09	s	IC SN74LS688N
ICD33	8-759-912-12	s	IC SN74ALS240AN
ICE1	8-759-112-25	s	IC UPD4361C-45
ICE2	8-759-112-25	s	IC UPD4361C-45
ICE3	8-759-112-25	s	IC UPD4361C-45
ICE4	8-759-112-25	s	IC UPD4361C-45
ICE5	8-759-112-25	s	IC UPD4361C-45
ICE6	8-759-112-25	s	IC UPD4361C-45
ICE7	8-759-112-25	s	IC UPD4361C-45
ICE8	8-759-112-25	s	IC UPD4361C-45
ICE9	8-759-112-25	s	IC UPD4361C-45
ICE10	8-759-112-25	s	IC UPD4361C-45
ICE11	8-759-112-25	s	IC UPD4361C-45
ICE12	8-759-112-25	s	IC UPD4361C-45
ICE13	8-759-786-61	s	IC MBM27C256A-FM09071
ICE15	8-759-786-62	s	IC MBM27C256A-FM09081
ICE16	8-759-900-00	s	IC SN74LS00N
ICE17	8-759-775-48	s	IC MB7112H-FM09201
ICE18	8-759-906-66	s	IC 74F86PC
ICE19	8-759-904-81	s	IC 74F08PC
ICE20	8-759-901-75	s	IC SN74LS175N
ICE21	8-759-900-04	s	IC SN74LS04N
ICE22	8-759-912-12	s	IC SN74ALS240AN
ICE23	8-759-775-41	s	IC MBM27C32-FM09091
ICE25	8-759-916-07	s	IC CX23038
ICE27	8-759-916-07	s	IC CX23038
ICE28	8-759-937-48	s	IC SN74ALS157N
ICE29	8-759-937-48	s	IC SN74ALS157N
ICE30	8-759-918-33	s	IC CX20160
ICE31	8-759-902-45	s	IC SN74LS245N
ICE32	8-759-912-12	s	IC SN74ALS240AN
ICE33	8-759-926-32	s	IC AM26LS32PC
ICF1	8-759-939-50	s	IC AM2966PC
ICF2	8-759-939-50	s	IC AM2966PC
ICF3	8-759-939-50	s	IC AM2966PC
ICF4	8-759-939-50	s	IC AM2966PC
ICF5	8-759-939-50	s	IC AM2966PC
ICF6	8-759-939-50	s	IC AM2966PC
ICF7	8-759-939-50	s	IC AM2966PC
ICF8	8-759-939-50	s	IC AM2966PC
ICF9	8-759-939-50	s	IC AM2966PC
ICF10	8-759-939-50	s	IC AM2966PC
ICF11	8-759-939-50	s	IC AM2966PC
ICF12	8-759-939-50	s	IC AM2966PC
ICF13	8-759-946-36	s	IC SN74ALS163BN
ICF14	8-759-004-80	s	IC MC74HCT374N
ICF15	8-759-794-89	s	IC PAL16R6B-FM09301
ICF16	8-759-917-72	s	IC 74F244PC
ICF17	8-759-902-40	s	IC SN74LS240N
ICF18	8-759-945-73	s	IC SN74ALS10AN
ICF19	8-759-904-18	s	IC SN74ALS00AN
ICF21	8-759-904-18	s	IC SN74ALS00AN
ICF22	8-759-902-40	s	IC SN74LS240N
ICF23	8-759-774-49	s	IC MB7128H-FM09181
ICF24	8-752-304-30	s	IC CX23043
ICF25	8-759-794-92	s	IC PAL16R6B-FM09361
ICF26	8-759-774-69	s	IC MB7138HSK-FM09141
ICF27	8-759-774-68	s	IC MB7138HSK-FM09131
ICF28	8-759-937-48	s	IC SN74ALS157N
ICF29	8-759-937-48	s	IC SN74ALS157N
ICF30	8-759-918-33	s	IC CX20160

(FM-09 BOARD, DVPC-1000)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICF31	8-759-913-63	s	IC SN74ALS374N
ICF32	8-759-913-63	s	IC SN74ALS374N
ICG1	8-759-109-81	s	IC UPD41464C-10
ICG2	8-759-109-81	s	IC UPD41464C-10
ICG3	8-759-109-81	s	IC UPD41464C-10
ICG4	8-759-109-81	s	IC UPD41464C-10
ICG5	8-759-109-81	s	IC UPD41464C-10
ICG6	8-759-109-81	s	IC UPD41464C-10
ICG7	8-759-109-81	s	IC UPD41464C-10
ICG8	8-759-109-81	s	IC UPD41464C-10
ICG9	8-759-109-81	s	IC UPD41464C-10
ICG10	8-759-109-81	s	IC UPD41464C-10
ICG11	8-759-109-81	s	IC UPD41464C-10
ICG12	8-759-109-81	s	IC UPD41464C-10
ICG13	8-759-902-44	s	IC SN74LS244N
ICG14	8-759-794-90	s	IC PAL16R6B-FM09312
ICG15	8-759-794-83	s	IC PAL16R4B-FM09321
ICG16	8-759-103-88	s	IC UPD82C43CY
ICG17	8-759-904-79	s	IC 74F00PC
ICG18	8-759-203-11	s	IC TC74HCT240P
ICG19	8-759-902-57	s	IC SN74LS257AN
ICG21	8-759-902-57	s	IC SN74LS257AN
ICG22	8-759-791-29	s	IC VP16V8E-FM09393
ICG23	8-759-794-86	s	IC PAL16R4B-FM09382
ICG24	8-759-794-85	s	IC PAL16R4B-FM09351
ICG25	8-759-794-93	s	IC PAL16R6B-FM09372
ICG26	8-759-900-67	s	IC SN74ALS02N
ICG27	8-759-906-78	s	IC 74F399PC
ICG28	8-759-906-78	s	IC 74F399PC
ICG29	8-759-906-78	s	IC 74F399PC
ICG30	8-759-904-26	s	IC SN74ALS08N
ICG31	8-759-912-48	s	IC SN74ALS874NT
ICG32	8-759-902-57	s	IC SN74LS257AN
ICH1	8-759-109-81	s	IC UPD41464C-10
ICH2	8-759-109-81	s	IC UPD41464C-10
ICH3	8-759-109-81	s	IC UPD41464C-10
ICH4	8-759-109-81	s	IC UPD41464C-10
ICH5	8-759-109-81	s	IC UPD41464C-10
ICH6	8-759-109-81	s	IC UPD41464C-10
ICH7	8-759-109-81	s	IC UPD41464C-10
ICH8	8-759-109-81	s	IC UPD41464C-10
ICH9	8-759-109-81	s	IC UPD41464C-10
ICH10	8-759-109-81	s	IC UPD41464C-10
ICH11	8-759-109-81	s	IC UPD41464C-10
ICH12	8-759-109-81	s	IC UPD41464C-10
ICH13	8-759-902-40	s	IC SN74LS240N
ICH16	8-759-202-26	s	IC TC74HC138P
ICH17	8-759-937-47	s	IC SN74ALS86N
ICH18	8-759-775-00	s	IC MB7124H-FM09191
ICH21	8-759-113-07	s	IC CXD1038G
ICH23	8-759-004-80	s	IC MC74HCT374N
ICH25	8-759-113-07	s	IC CXD1038G
ICH27	8-759-004-80	s	IC MC74HCT374N
ICH28	8-759-004-80	s	IC MC74HCT374N
ICH29	8-752-322-12	s	IC CXK5416P-35
ICH30	8-752-322-10	s	IC CXK5814P-45L
ICH31	8-759-913-63	s	IC SN74ALS374N
ICH32	8-759-913-63	s	IC SN74ALS374N
ICJ1	8-759-937-86	s	IC CX20214
ICJ2	8-759-937-86	s	IC CX20214
ICJ4	8-759-937-86	s	IC CX20214
ICJ5	8-759-937-86	s	IC CX20214
ICJ6	8-759-004-80	s	IC MC74HCT374N
ICJ7	8-759-937-86	s	IC CX20214
ICJ8	8-759-937-86	s	IC CX20214
ICJ10	8-759-937-86	s	IC CX20214
ICJ11	8-759-937-86	s	IC CX20214
ICJ12	8-759-004-80	s	IC MC74HCT374N
ICJ14	8-759-983-35	s	IC MBL8749H-FM090217
ICJ16	8-759-103-88	s	IC UPD82C43CY

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(FM-09 BOARD, DVPC-1000)

#10601 & UP (J)
#10901 & UP (UC)
#10901 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ17	8-759-902-45	s	IC SN74LS245N
ICJ18	8-752-322-12	s	IC CXK5416P-35
ICJ19	8-752-322-12	s	IC CXK5416P-35
ICJ21	8-752-322-10	s	IC CXK5814P-45L
ICJ22	8-752-322-10	s	IC CXK5814P-45L
ICJ23	8-759-775-00	s	IC MB7124H-FM09191
ICJ24	8-752-322-10	s	IC CXK5814P-45L
ICJ25	8-752-322-10	s	IC CXK5814P-45L
ICJ26	8-752-322-12	s	IC CXK5416P-35
ICJ27	8-752-322-12	s	IC CXK5416P-35
ICJ28	8-759-004-80	s	IC MC74HCT374N
ICJ29	8-752-322-12	s	IC CXK5416P-35
ICJ30	8-752-322-10	s	IC CXK5814P-45L
ICJ31	8-759-913-63	s	IC SN74ALS374N
ICJ32	8-759-913-63	s	IC SN74ALS374N
JS1	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS2	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS3	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS4	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS5	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS6	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS7	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS8	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS9	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS10	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-398-00	s	RESISTOR BLOCK, 270X8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB11	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB12	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-398-00	s	RESISTOR BLOCK, 270X8
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
S6	1-553-925-00	s	SWITCH, ROTARY
S7	1-553-925-00	s	SWITCH, ROTARY
S8	1-553-925-00	s	SWITCH, ROTARY
S9	1-553-925-00	s	SWITCH, ROTARY

IE-17 BOARD, DVPC-1000

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-008-A	o	COMPLETE PCB, IE-17
(This assembly includes the following parts.)			
1pc	3-715-721-71	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C16	1-123-661-00	s	CAP, ELECT 100uF 20% 6.3V
C17	1-123-661-00	s	CAP, ELECT 100uF 20% 6.3V
C18	1-131-353-00	s	CAP, TANT 10uF 20% 35V
C19	1-131-353-00	s	CAP, TANT 10uF 20% 35V
C21	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C22	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C23	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C24	1-123-661-00	s	CAP, ELECT 100uF 20% 6.3V
C25	1-123-661-00	s	CAP, ELECT 100uF 20% 6.3V
CN1	1-560-733-00	s	PIN, SHORT
CN2	1-560-733-00	s	PIN, SHORT
CN3	1-560-733-00	s	PIN, SHORT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-100-15	s	DIODE RD3.0E-B
D2	8-719-100-15	s	DIODE RD3.0E-B
D3	8-719-907-19	s	DIODE FM52M-5
D4	8-719-907-19	s	DIODE FM52M-5
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A
F2	⚠ 1-532-926-12	s	FUSE, MICRO 10A
ICA1	8-752-304-30	s	IC CX23043
ICA2	8-759-774-83	s	IC MB7138HSK-IE17031
ICA3	8-759-203-36	s	IC TC74HC374P
ICA5	8-759-202-11	s	IC TC74HC00P
ICA6	8-759-202-84	s	IC TC74HC109P
ICA7	8-759-202-11	s	IC TC74HC00P
ICA8	8-759-202-74	s	IC TC74HC04P
ICA9	8-759-202-14	s	IC TC74HC08P
ICA10	8-759-904-79	s	IC 74F00PC
ICA11	8-752-304-30	s	IC CX23043
ICA15	8-752-304-30	s	IC CX23043
ICA16	8-759-901-63	s	IC SN74LS163AN
ICA17	8-759-917-72	s	IC 74F244PC
ICA18	8-759-917-72	s	IC 74F244PC
ICA19	8-759-917-72	s	IC 74F244PC
ICA20	8-759-917-72	s	IC 74F244PC
ICA21	8-759-917-72	s	IC 74F244PC
ICA22	8-759-904-80	s	IC 74F04PC
ICA23	8-759-918-71	s	IC CX23065
ICA25	8-759-990-82	s	IC TL082CP
ICA27	8-759-016-48	s	IC MC1648P
ICA29	8-759-300-25	s	IC HD10125
ICA30	8-759-002-82	s	IC MC10H136L
ICA31	8-759-301-02	s	IC HD10102
ICA32	8-759-302-31	s	IC HD10231
ICA33	8-759-301-02	s	IC HD10102
ICA34	8-759-301-02	s	IC HD10102
ICA35	8-759-003-78	s	IC MC10216L
ICB25	8-759-990-82	s	IC TL082CP
ICC1	8-752-304-30	s	IC CX23043
ICC2	8-759-774-84	s	IC MB7138HSK-IE17041
ICC3	8-759-203-36	s	IC TC74HC374P
ICC5	8-759-203-36	s	IC TC74HC374P
ICC6	8-759-203-36	s	IC TC74HC374P
ICC7	8-759-203-36	s	IC TC74HC374P
ICC8	8-759-774-87	s	IC MB7138HSK-IE17121
ICC10	8-759-790-22	s	IC VP16V8E-IE17131
ICC11	8-759-203-36	s	IC TC74HC374P
ICC12	8-759-202-27	s	IC TC74HC157P
ICC13	8-759-774-19	s	IC MB7226RA-IE17171
ICC14	8-759-790-23	s	IC VP16V8E-IE17161
ICC15	8-759-790-23	s	IC VP16V8E-IE17161

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IE-17 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICC17	8-759-112-18	s	IC uPD4362C-45
ICC18	8-759-112-18	s	IC uPD4362C-45
ICC19	8-759-112-18	s	IC uPD4362C-45
ICC20	8-759-112-18	s	IC uPD4362C-45
ICC22	8-759-937-86	s	IC CX20214
ICC23	8-759-937-86	s	IC CX20214
ICC24	8-759-937-86	s	IC CX20214
ICC26	8-759-937-86	s	IC CX20214
ICC27	8-759-904-87	s	IC 74F374PC
ICC28	8-759-904-87	s	IC 74F374PC
ICC29	8-759-301-24	s	IC HD10124
ICC30	8-759-003-39	s	IC MC10141L
ICC31	8-759-301-24	s	IC HD10124
ICC32	8-759-003-39	s	IC MC10141L
ICC33	8-759-302-31	s	IC HD10231
ICC34	8-759-301-02	s	IC HD10102
ICD1	8-759-774-18	s	IC MB7226RA-IE17011
ICD2	8-759-774-85	s	IC MB7138HSK-IE17051
ICD3	8-759-203-36	s	IC TC74HC374P
ICD5	8-759-203-36	s	IC TC74HC374P
ICD6	8-759-203-36	s	IC TC74HC374P
ICD7	8-759-203-36	s	IC TC74HC374P
ICD8	8-759-774-87	s	IC MB7138HSK-IE17121
ICD10	8-759-790-22	s	IC VP16V8E-IE17131
ICD11	8-759-203-36	s	IC TC74HC374P
ICD12	8-759-790-23	s	IC VP16V8E-IE17161
ICD13	8-759-790-23	s	IC VP16V8E-IE17161
ICD14	8-759-112-37	s	IC uPD41101C-3
ICD15	8-759-112-37	s	IC uPD41101C-3
ICD17	8-759-112-18	s	IC uPD4362C-45
ICD18	8-759-112-18	s	IC uPD4362C-45
ICD19	8-759-112-18	s	IC uPD4362C-45
ICD20	8-759-112-18	s	IC uPD4362C-45
ICD22	8-759-937-86	s	IC CX20214
ICD23	8-759-937-86	s	IC CX20214
ICD24	8-759-937-86	s	IC CX20214
ICD26	8-759-937-86	s	IC CX20214
ICD27	8-759-904-87	s	IC 74F374PC
ICD28	8-759-904-87	s	IC 74F374PC
ICD29	8-759-301-24	s	IC HD10124
ICD30	8-759-003-39	s	IC MC10141L
ICD31	8-759-301-24	s	IC HD10124
ICD32	8-759-003-39	s	IC MC10141L
ICD33	8-759-302-31	s	IC HD10231
ICD34	8-759-301-02	s	IC HD10102
ICE27	8-759-904-87	s	IC 74F374PC
ICE28	8-759-904-87	s	IC 74F374PC
ICE29	8-759-301-24	s	IC HD10124
ICE30	8-759-003-39	s	IC MC10141L
ICE31	8-759-301-24	s	IC HD10124
ICE32	8-759-003-39	s	IC MC10141L
ICE33	8-759-302-31	s	IC HD10231
ICE34	8-759-301-02	s	IC HD10102
ICF1	8-752-304-30	s	IC CX23043
ICF2	8-759-774-83	s	IC MB7138HSK-IE17031
ICF3	8-759-203-36	s	IC TC74HC374P
ICF5	8-759-203-36	s	IC TC74HC374P
ICF6	8-759-203-36	s	IC TC74HC374P
ICF7	8-759-203-36	s	IC TC74HC374P
ICF8	8-759-774-87	s	IC MB7138HSK-IE17121
ICF10	8-759-790-22	s	IC VP16V8E-IE17131
ICF11	8-759-203-36	s	IC TC74HC374P
ICF12	8-759-202-27	s	IC TC74HC157P
ICF13	8-759-774-19	s	IC MB7226RA-IE17171
ICF14	8-759-790-23	s	IC VP16V8E-IE17161
ICF15	8-759-790-23	s	IC VP16V8E-IE17161
ICF17	8-759-112-18	s	IC uPD4362C-45
ICF18	8-759-112-18	s	IC uPD4362C-45
ICF19	8-759-112-18	s	IC uPD4362C-45
ICF20	8-759-112-18	s	IC uPD4362C-45

(IE-17 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICF22	8-759-937-86	s	IC CX20214
ICF23	8-759-937-86	s	IC CX20214
ICF24	8-759-937-86	s	IC CX20214
ICF26	8-759-937-86	s	IC CX20214
ICF27	8-759-904-87	s	IC 74F374PC
ICF28	8-759-904-87	s	IC 74F374PC
ICF29	8-759-301-24	s	IC HD10124
ICF30	8-759-003-39	s	IC MC10141L
ICF31	8-759-301-24	s	IC HD10124
ICF32	8-759-003-39	s	IC MC10141L
ICF33	8-759-302-31	s	IC HD10231
ICF34	8-759-301-02	s	IC HD10102
ICG1	8-752-304-30	s	IC CX23043
ICG2	8-759-774-84	s	IC MB7138HSK-IE17041
ICG3	8-759-203-36	s	IC TC74HC374P
ICG5	8-759-203-36	s	IC TC74HC374P
ICG6	8-759-203-36	s	IC TC74HC374P
ICG7	8-759-203-36	s	IC TC74HC374P
ICG8	8-759-774-87	s	IC MB7138HSK-IE17121
ICG10	8-759-790-22	s	IC VP16V8E-IE17131
ICG11	8-759-203-36	s	IC TC74HC374P
ICG12	8-759-790-23	s	IC VP16V8E-IE17161
ICG13	8-759-790-23	s	IC VP16V8E-IE17161
ICG14	8-759-112-37	s	IC uPD41101C-3
ICG15	8-759-112-37	s	IC uPD41101C-3
ICG17	8-759-112-18	s	IC uPD4362C-45
ICG18	8-759-112-18	s	IC uPD4362C-45
ICG19	8-759-112-18	s	IC uPD4362C-45
ICG20	8-759-112-18	s	IC uPD4362C-45
ICG22	8-759-937-86	s	IC CX20214
ICG23	8-759-937-86	s	IC CX20214
ICG24	8-759-937-86	s	IC CX20214
ICG26	8-759-937-86	s	IC CX20214
ICG27	8-759-904-80	s	IC 74F04PC
ICG28	8-759-202-74	s	IC TC74HC04P
ICG29	8-759-900-04	s	IC SN74LS04N
ICG30	8-759-900-04	s	IC SN74LS04N
ICG31	8-759-301-24	s	IC HD10124
ICG32	8-759-900-00	s	IC SN74LS00N
ICG33	8-759-900-04	s	IC SN74LS04N
ICG34	8-759-900-04	s	IC SN74LS04N
ICG35	8-759-926-32	s	IC AM26LS32PC
ICH4	8-759-202-21	s	IC TC74HC32P
ICH5	8-759-202-14	s	IC TC74HC08P
ICH6	8-759-774-20	s	IC MB7226RA-IE17101
ICH7	8-759-774-86	s	IC MB7138HSK-IE17111
ICH8	8-759-203-36	s	IC TC74HC374P
ICH9	8-752-304-30	s	IC CX23043
ICH11	8-752-304-30	s	IC CX23043
ICH12	8-759-901-63	s	IC SN74LS163AN
ICH13	8-759-901-63	s	IC SN74LS163AN
ICH14	8-759-790-24	s	IC VP16V8E-IE17181
ICH15	8-759-790-24	s	IC VP16V8E-IE17181
ICH16	8-759-790-24	s	IC VP16V8E-IE17181
ICH17	8-759-790-24	s	IC VP16V8E-IE17181
ICH18	8-759-790-24	s	IC VP16V8E-IE17181
ICH19	8-759-790-24	s	IC VP16V8E-IE17181
ICH20	8-759-790-24	s	IC VP16V8E-IE17181
ICH21	8-759-909-47	s	IC SN74ALS574N
ICH22	8-759-202-24	s	IC TC74HC86P
ICH23	8-759-000-99	s	IC MC74HC74N
ICH24	8-759-902-40	s	IC SN74LS240N
ICH25	8-759-902-40	s	IC SN74LS240N
ICH26	8-759-902-40	s	IC SN74LS240N
ICH27	8-759-203-36	s	IC TC74HC374P
ICH28	8-759-203-36	s	IC TC74HC374P
ICH29	8-759-909-47	s	IC SN74ALS574N
ICH30	8-759-909-47	s	IC SN74ALS574N
ICH31	8-759-202-74	s	IC TC74HC04P
ICH32	8-759-203-36	s	IC TC74HC374P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IE-17 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICH33	8-759-909-47	s	IC SN74ALS574N
ICJ1	8-759-774-18	s	IC MB7226RA-IE17011
ICJ2	8-759-774-85	s	IC MB7138HSK-IE17051
ICJ3	8-759-203-36	s	IC TC74HC374P
ICJ4	8-759-202-24	s	IC TC74HC86P
ICJ5	8-759-202-14	s	IC TC74HC08P
ICJ31	8-759-202-21	s	IC TC74HC32P
ICK1	8-759-790-17	s	IC VP16V8E-IE17021
ICK2	8-759-790-18	s	IC VP16V8E-IE17061
ICK3	8-759-790-17	s	IC VP16V8E-IE17021
ICK4	8-759-790-20	s	IC VP16V8E-IE17081
ICK5	8-752-304-30	s	IC CX23043
ICK7	8-752-304-30	s	IC CX23043
ICK8	8-752-304-30	s	IC CX23043
ICK9	8-759-202-11	s	IC TC74HC00P
ICK10	8-759-202-74	s	IC TC74HC04P
ICK11	8-759-202-84	s	IC TC74HC109P
ICK12	8-759-202-26	s	IC TC74HC138P
ICK13	8-759-203-36	s	IC TC74HC374P
ICK14	8-759-300-67	s	IC HM6168HP-45
ICK15	8-759-300-67	s	IC HM6168HP-45
ICK16	8-759-300-67	s	IC HM6168HP-45
ICK17	8-759-300-67	s	IC HM6168HP-45
ICK18	8-759-300-67	s	IC HM6168HP-45
ICK19	8-759-300-67	s	IC HM6168HP-45
ICK20	8-759-300-67	s	IC HM6168HP-45
ICK21	8-759-300-67	s	IC HM6168HP-45
ICK22	8-759-790-24	s	IC VP16V8E-IE17181
ICK23	8-759-203-36	s	IC TC74HC374P
ICK24	8-759-203-36	s	IC TC74HC374P
ICK25	8-759-202-32	s	IC TC74HC163P
ICK26	8-759-203-01	s	IC TC74HC175P
ICK27	8-759-203-36	s	IC TC74HC374P
ICK28	8-759-203-36	s	IC TC74HC374P
ICK29	8-759-909-47	s	IC SN74ALS574N
ICK30	8-759-909-47	s	IC SN74ALS574N
ICK31	8-759-202-21	s	IC TC74HC32P
ICK32	8-759-202-11	s	IC TC74HC00P
ICK33	8-759-913-63	s	IC SN74ALS374N
ICL1	8-759-790-17	s	IC VP16V8E-IE17021
ICL2	8-759-790-19	s	IC VP16V8E-IE17071
ICL3	8-759-790-17	s	IC VP16V8E-IE17021
ICL4	8-759-790-21	s	IC VP16V8E-IE17091
ICL5	8-759-202-74	s	IC TC74HC04P
ICL6	8-759-000-99	s	IC MC74HC74N
ICL7	8-759-202-74	s	IC TC74HC04P
ICL8	8-759-901-63	s	IC SN74LS163AN
ICL10	8-759-775-15	s	IC MBM27C256-IE17141
ICL12	8-759-775-16	s	IC MBM27C256-IE17151
ICL13	8-759-203-36	s	IC TC74HC374P
ICL14	8-759-202-55	s	IC TC74HC244P
ICL15	8-759-203-36	s	IC TC74HC374P
ICL16	8-759-202-55	s	IC TC74HC244P
ICL17	8-759-203-36	s	IC TC74HC374P
ICL18	8-759-202-55	s	IC TC74HC244P
ICL19	8-759-203-36	s	IC TC74HC374P
ICL20	8-759-202-55	s	IC TC74HC244P
ICL21	8-759-203-36	s	IC TC74HC374P
ICL22	8-759-790-24	s	IC VP16V8E-IE17181
ICL23	8-759-203-36	s	IC TC74HC374P
ICL24	8-759-203-36	s	IC TC74HC374P
ICL26	8-759-113-06	s	IC CXD1037G
ICL29	8-759-113-06	s	IC CXD1037G
ICL31	8-759-913-63	s	IC SN74ALS374N
ICL32	8-759-913-63	s	IC SN74ALS374N
ICL33	8-759-913-63	s	IC SN74ALS374N
ICL34	8-759-913-63	s	IC SN74ALS374N
ICM5	8-759-001-42	s	IC MC74HC174N
ICM6	8-759-001-42	s	IC MC74HC174N
ICM7	8-759-202-32	s	IC TC74HC163P

(IE-17 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICM8	8-759-202-15	s	IC TC74HC10P
ICM26	8-759-113-06	s	IC CXD1037G
ICM29	8-759-113-06	s	IC CXD1037G
ICM31	8-759-913-63	s	IC SN74ALS374N
ICM32	8-759-913-63	s	IC SN74ALS374N
ICM33	8-759-913-63	s	IC SN74ALS374N
ICM34	8-759-913-63	s	IC SN74ALS374N
L1	1-410-330-11	s	INDUCTOR, 22uH 10%
L2	1-410-330-11	s	INDUCTOR, 22uH 10%
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-421-370-00	s	COIL, CHOKE
L6	1-421-370-00	s	COIL, CHOKE
L7	1-421-370-00	s	COIL, CHOKE
L8	1-421-370-00	s	COIL, CHOKE
L9	1-421-370-00	s	COIL, CHOKE
L10	1-421-370-00	s	COIL, CHOKE
L11	1-410-747-11	s	VAR, INDUCTOR, 0.4uH
R5	1-247-750-11	s	RES, CARBON 680 5% 1/2W
R6	1-247-750-11	s	RES, CARBON 680 5% 1/2W
R8	1-247-750-11	s	RES, CARBON 680 5% 1/2W
R9	1-247-750-11	s	RES, CARBON 680 5% 1/2W
R25	1-215-401-11	s	RES, METAL 150 1% 1/6W
R26	1-215-401-11	s	RES, METAL 150 1% 1/6W
R31	1-215-401-11	s	RES, METAL 150 1% 1/6W
R32	1-215-401-11	s	RES, METAL 150 1% 1/6W
R46	1-215-401-11	s	RES, METAL 150 1% 1/6W
R47	1-215-401-11	s	RES, METAL 150 1% 1/6W
R48	1-215-401-11	s	RES, METAL 150 1% 1/6W
R49	1-215-401-11	s	RES, METAL 150 1% 1/6W
R54	1-215-401-11	s	RES, METAL 150 1% 1/6W
R55	1-215-401-11	s	RES, METAL 150 1% 1/6W
R65	1-215-401-11	s	RES, METAL 150 1% 1/6W
R66	1-215-401-11	s	RES, METAL 150 1% 1/6W
R67	1-215-401-11	s	RES, METAL 150 1% 1/6W
R68	1-215-401-11	s	RES, METAL 150 1% 1/6W
R82	1-215-401-11	s	RES, METAL 150 1% 1/6W
R83	1-215-401-11	s	RES, METAL 150 1% 1/6W
R84	1-215-401-11	s	RES, METAL 150 1% 1/6W
R85	1-215-401-11	s	RES, METAL 150 1% 1/6W
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB10	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB14	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB15	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB16	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB20	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB22	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB23	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB26	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB27	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB28	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB29	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB30	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB31	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB32	1-231-410-00	s	RESISTOR BLOCK, 10KX8

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IE-17 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
RB33	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB34	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB35	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB36	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB37	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB38	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB39	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RV1	1-230-845-11	s	RES, VAR, METAL 50K
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT

IE-17 BOARD, DVPC-1000

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-008-B	o	IE-17 COMPL
(This assembly includes the following parts.)			
2pcs	3-673-249-11	o	LEVER, PC BOARD
1pc	3-715-721-71	o	LABEL (2), SERIAL NUMBER
2pcs	7-621-775-10	s	SCREW +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
6pcs	7-628-253-40	s	SCREW +PS 2X10
1pc	7-628-254-00	s	SCREW +PSW 2.6X5
20pcs	7-628-254-10	s	+PSW, 2.6X6
2pcs	7-628-254-20	s	+PSW, 2.6X8
C196	1-123-661-00	s	CAP, ELECT 100uF 20% 6.3V
C200	1-162-876-11	s	CAP, CERAMIC 75PF 5% 50V
C201	1-162-876-11	s	CAP, CERAMIC 75PF 5% 50V
C204	1-123-661-00	s	CAP, ELECT 100uF 20% 6.3V
CN1	1-566-385-11	s	PIN, CONNECTOR 2P
CN2	1-566-385-11	s	PIN, CONNECTOR 2P
CN3	1-566-385-11	s	PIN, CONNECTOR 2P
CN101	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103	1-506-746-11	s	RECEP, DIN 48P, MALE
D5	8-719-907-19	s	DIODE FC52M-5
D6	8-719-907-19	s	DIODE FC52M-5
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-752-304-30	s	IC CX23043
ICA2	8-759-774-83	s	IC MB7138HSK-IE17031
ICA3	8-759-203-36	s	IC TC74HC374P
ICA5	8-759-202-11	s	IC TC74HC00P
ICA6	8-759-202-84	s	IC TC74HC109P
ICA7	8-759-202-11	s	IC TC74HC00P
ICA8	8-759-202-74	s	IC TC74HC04P
ICA9	8-759-202-14	s	IC TC74HC08P
ICA11	8-752-304-30	s	IC CX23043
ICA15	8-752-304-30	s	IC CX23043
ICA16	8-759-901-63	s	IC SN74LS163AN
ICA17	8-759-901-63	s	IC SN74LS163AN
ICA23	8-759-904-80	s	IC 74F04PC
ICA24	8-759-918-71	s	IC CX23065
ICA28	8-759-003-78	s	IC MC10216L
ICA29	8-759-300-25	s	IC HD10125
ICA30	8-759-002-82	s	IC MC10H136L
ICA31	8-759-301-02	s	IC HD10102
ICA32	8-759-301-02	s	IC HD10102
ICA33	8-759-301-02	s	IC HD10102
ICA34	8-759-301-02	s	IC HD10102
ICC1	8-752-304-30	s	IC CX23043
ICC2	8-759-774-84	s	IC MB7138HSK-IE17041
ICC3	8-759-203-36	s	IC TC74HC374P
ICC5	8-759-203-36	s	IC TC74HC374P
ICC6	8-759-203-36	s	IC TC74HC374P
ICC7	8-759-203-36	s	IC TC74HC374P
ICC8	8-759-774-87	s	IC MB7138HSK-IE17121
ICC10	8-759-793-89	s	IC PAL16L8B-IE17131
ICC11	8-759-203-36	s	IC TC74HC374P
ICC12	8-759-202-27	s	IC TC74HC157P
ICC13	8-759-774-19	s	IC MB7226RA-IE17171
ICC14	8-759-793-90	s	IC PAL16R4B-IE17161
ICC15	8-759-793-90	s	IC PAL16R4B-IE17161
ICC17	8-759-113-97	s	IC UPD42505C-50
ICC18	8-759-113-97	s	IC UPD42505C-50
ICC19	8-759-113-97	s	IC UPD42505C-50
ICC20	8-759-113-97	s	IC UPD42505C-50
ICC21	8-759-113-97	s	IC UPD42505C-50
ICC22	8-759-794-12	s	IC PAL16R4B-IE17191
ICC24	8-759-794-12	s	IC PAL16R4B-IE17191
ICC27	8-759-904-87	s	IC 74F374PC
ICC28	8-759-904-87	s	IC 74F374PC
ICC29	8-759-301-24	s	IC HD10124
ICC30	8-759-003-39	s	IC MC10141L
ICC31	8-759-301-24	s	IC HD10124
ICC32	8-759-003-39	s	IC MC10141L
ICC33	8-759-302-31	s	IC HD10231P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IE-17 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICC34	8-759-302-31	s	IC HD10231P
ICD1	8-759-781-69	s	IC MB7226RA-IE17012
ICD2	8-759-774-85	s	IC MB7138HSK-IE17051
ICD3	8-759-203-36	s	IC TC74HC374P
ICD5	8-759-203-36	s	IC TC74HC374P
ICD6	8-759-203-36	s	IC TC74HC374P
ICD7	8-759-203-36	s	IC TC74HC374P
ICD8	8-759-774-87	s	IC MB7138HSK-IE17121
ICD10	8-759-793-89	s	IC PAL16L8B-IE17131
ICD11	8-759-203-36	s	IC TC74HC374P
ICD12	8-759-793-90	s	IC PAL16R4B-IE17161
ICD13	8-759-793-90	s	IC PAL16R4B-IE17161
ICD17	8-759-113-97	s	IC UPD42505C-50
ICD18	8-759-113-97	s	IC UPD42505C-50
ICD19	8-759-113-97	s	IC UPD42505C-50
ICD20	8-759-113-97	s	IC UPD42505C-50
ICD21	8-759-113-97	s	IC UPD42505C-50
ICD22	8-759-794-12	s	IC PAL16R4B-IE17191
ICD24	8-759-794-12	s	IC PAL16R4B-IE17191
ICD25	8-759-113-97	s	IC UPD42505C-50
ICD26	8-759-113-97	s	IC UPD42505C-50
ICD27	8-759-904-87	s	IC 74F374PC
ICD28	8-759-904-87	s	IC 74F374PC
ICD29	8-759-301-24	s	IC HD10124
ICD30	8-759-003-39	s	IC MC10141L
ICD31	8-759-301-24	s	IC HD10124
ICD32	8-759-003-39	s	IC MC10141L
ICD33	8-759-302-31	s	IC HD10231P
ICD34	8-759-302-31	s	IC HD10231P
ICE27	8-759-904-87	s	IC 74F374PC
ICE28	8-759-904-87	s	IC 74F374PC
ICE29	8-759-301-24	s	IC HD10124
ICE30	8-759-003-39	s	IC MC10141L
ICE31	8-759-301-24	s	IC HD10124
ICE32	8-759-003-39	s	IC MC10141L
ICE33	8-759-302-31	s	IC HD10231P
ICE34	8-759-302-31	s	IC HD10231P
ICF1	8-752-304-30	s	IC CX23043
ICF2	8-759-774-83	s	IC MB7138HSK-IE17031
ICF3	8-759-203-36	s	IC TC74HC374P
ICF5	8-759-203-36	s	IC TC74HC374P
ICF6	8-759-203-36	s	IC TC74HC374P
ICF7	8-759-203-36	s	IC TC74HC374P
ICF8	8-759-774-87	s	IC MB7138HSK-IE17121
ICF10	8-759-793-89	s	IC PAL16L8B-IE17131
ICF11	8-759-203-36	s	IC TC74HC374P
ICF12	8-759-202-27	s	IC TC74HC157P
ICF13	8-759-774-19	s	IC MB7226RA-IE17171
ICF14	8-759-793-90	s	IC PAL16R4B-IE17161
ICF15	8-759-793-90	s	IC PAL16R4B-IE17161
ICF17	8-759-113-97	s	IC UPD42505C-50
ICF18	8-759-113-97	s	IC UPD42505C-50
ICF19	8-759-113-97	s	IC UPD42505C-50
ICF20	8-759-113-97	s	IC UPD42505C-50
ICF21	8-759-113-97	s	IC UPD42505C-50
ICF22	8-759-794-12	s	IC PAL16R4B-IE17191
ICF24	8-759-794-12	s	IC PAL16R4B-IE17191
ICF27	8-759-904-87	s	IC 74F374PC
ICF28	8-759-904-87	s	IC 74F374PC
ICF29	8-759-301-24	s	IC HD10124
ICF30	8-759-003-39	s	IC MC10141L
ICF31	8-759-301-24	s	IC HD10124
ICF32	8-759-003-39	s	IC MC10141L
ICF33	8-759-302-31	s	IC HD10231P
ICF34	8-759-302-31	s	IC HD10231P
ICG1	8-752-304-30	s	IC CX23043
ICG2	8-759-774-84	s	IC MB7138HSK-IE17041
ICG3	8-759-203-36	s	IC TC74HC374P
ICG5	8-759-203-36	s	IC TC74HC374P
ICG6	8-759-203-36	s	IC TC74HC374P

(IE-17 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICG7	8-759-203-36	s	IC TC74HC374P
ICG8	8-759-774-87	s	IC MB7138HSK-IE17121
ICG10	8-759-793-89	s	IC PAL16L8B-IE17131
ICG11	8-759-203-36	s	IC TC74HC374P
ICG12	8-759-793-90	s	IC PAL16R4B-IE17161
ICG13	8-759-793-90	s	IC PAL16R4B-IE17161
ICG17	8-759-113-97	s	IC UPD42505C-50
ICG18	8-759-113-97	s	IC UPD42505C-50
ICG19	8-759-113-97	s	IC UPD42505C-50
ICG20	8-759-113-97	s	IC UPD42505C-50
ICG21	8-759-113-97	s	IC UPD42505C-50
ICG22	8-759-794-12	s	IC PAL16R4B-IE17191
ICG24	8-759-794-12	s	IC PAL16R4B-IE17191
ICG25	8-759-113-97	s	IC UPD42505C-50
ICG26	8-759-113-97	s	IC UPD42505C-50
ICG27	8-759-904-80	s	IC 74F04PC
ICG28	8-759-202-74	s	IC TC74HC04P
ICG29	8-759-900-04	s	IC SN74LS04N
ICG30	8-759-900-04	s	IC SN74LS04N
ICG31	8-759-301-24	s	IC HD10124
ICG32	8-759-900-00	s	IC SN74LS00N
ICG33	8-759-900-04	s	IC SN74LS04N
ICG34	8-759-900-04	s	IC SN74LS04N
ICG35	8-759-926-32	s	IC AM26LS32PC
ICH4	8-759-202-21	s	IC TC74HC32P
ICH5	8-759-202-14	s	IC TC74HC08P
ICH6	8-759-774-20	s	IC MB7226RA-IE17101
ICH7	8-759-774-86	s	IC MB7138HSK-IE17111
ICH8	8-759-203-36	s	IC TC74HC374P
ICH9	8-752-304-30	s	IC CX23043
ICH11	8-752-304-30	s	IC CX23043
ICH12	8-759-901-63	s	IC SN74LS163AN
ICH13	8-759-901-63	s	IC SN74LS163AN
ICH14	8-759-793-91	s	IC PAL16L8B-IE17181
ICH15	8-759-793-91	s	IC PAL16L8B-IE17181
ICH16	8-759-793-91	s	IC PAL16L8B-IE17181
ICH17	8-759-793-91	s	IC PAL16L8B-IE17181
ICH18	8-759-793-91	s	IC PAL16L8B-IE17181
ICH19	8-759-793-91	s	IC PAL16L8B-IE17181
ICH20	8-759-793-91	s	IC PAL16L8B-IE17181
ICH21	8-759-946-38	s	IC SN74ALS574AN
ICH22	8-759-202-24	s	IC TC74HC86P
ICH23	8-759-000-99	s	IC MC74HC74N
ICH24	8-759-902-40	s	IC SN74LS240N
ICH25	8-759-902-40	s	IC SN74LS240N
ICH26	8-759-902-40	s	IC SN74LS240N
ICH27	8-759-203-36	s	IC TC74HC374P
ICH28	8-759-203-36	s	IC TC74HC374P
ICH29	8-759-946-38	s	IC SN74ALS574AN
ICH30	8-759-946-38	s	IC SN74ALS574AN
ICH31	8-759-202-74	s	IC TC74HC04P
ICH32	8-759-203-36	s	IC TC74HC374P
ICH33	8-759-946-38	s	IC SN74ALS574AN
ICJ1	8-759-781-69	s	IC MB7226RA-IE17012
ICJ2	8-759-774-85	s	IC MB7138HSK-IE17051
ICJ3	8-759-203-36	s	IC TC74HC374P
ICJ4	8-759-202-24	s	IC TC74HC86P
ICJ5	8-759-202-14	s	IC TC74HC08P
ICJ31	8-759-202-21	s	IC TC74HC32P
ICK1	8-759-793-88	s	IC PAL16L8B-IE17021
ICK2	8-759-794-24	s	IC PAL16L8B-IE17061
ICK3	8-759-793-88	s	IC PAL16L8B-IE17021
ICK4	8-759-794-26	s	IC PAL16L8B-IE17081
ICK5	8-752-304-30	s	IC CX23043
ICK7	8-752-304-30	s	IC CX23043
ICK8	8-752-304-30	s	IC CX23043
ICK9	8-759-202-11	s	IC TC74HC00P
ICK10	8-759-202-74	s	IC TC74HC04P
ICK11	8-759-202-84	s	IC TC74HC109P
ICK12	8-759-202-26	s	IC TC74HC138P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IE-17 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICK13	8-759-203-36	s	IC TC74HC374P
ICK14	8-752-322-16	s	IC CXK5416P-45L
ICK15	8-752-322-16	s	IC CXK5416P-45L
ICK16	8-752-322-16	s	IC CXK5416P-45L
ICK17	8-752-322-16	s	IC CXK5416P-45L
ICK18	8-752-322-16	s	IC CXK5416P-45L
ICK19	8-752-322-16	s	IC CXK5416P-45L
ICK20	8-752-322-16	s	IC CXK5416P-45L
ICK21	8-752-322-16	s	IC CXK5416P-45L
ICK22	8-759-793-91	s	IC PAL16L8B-IE17181
ICK23	8-759-203-36	s	IC TC74HC374P
ICK24	8-759-203-36	s	IC TC74HC374P
ICK25	8-759-202-32	s	IC TC74HC163P
ICK26	8-759-203-01	s	IC TC74HC175P
ICK27	8-759-203-36	s	IC TC74HC374P
ICK28	8-759-203-36	s	IC TC74HC374P
ICK29	8-759-946-38	s	IC SN74ALS574AN
ICK30	8-759-946-38	s	IC SN74ALS574AN
ICK31	8-759-202-21	s	IC TC74HC32P
ICK32	8-759-202-11	s	IC TC74HC00P
ICK33	8-759-913-63	s	IC SN74ALS374N
ICL1	8-759-793-88	s	IC PAL16L8B-IE17021
ICL2	8-759-794-25	s	IC PAL16L8B-IE17071
ICL3	8-759-793-88	s	IC PAL16L8B-IE17021
ICL4	8-759-794-27	s	IC PAL16L8B-IE17091
ICL5	8-759-202-74	s	IC TC74HC04P
ICL6	8-759-000-99	s	IC MC74HC74N
ICL7	8-759-202-74	s	IC TC74HC04P
ICL8	8-759-901-63	s	IC SN74LS163AN
ICL10	8-759-786-37	s	IC MBM27C256A-IE17141
ICL12	8-759-786-38	s	IC MBM27C256A-IE17151
ICL13	8-759-203-36	s	IC TC74HC374P
ICL14	8-759-202-55	s	IC TC74HC244P
ICL15	8-759-203-36	s	IC TC74HC374P
ICL16	8-759-202-55	s	IC TC74HC244P
ICL17	8-759-203-36	s	IC TC74HC374P
ICL18	8-759-202-55	s	IC TC74HC244P
ICL19	8-759-203-36	s	IC TC74HC374P
ICL20	8-759-202-55	s	IC TC74HC244P
ICL21	8-759-203-36	s	IC TC74HC374P
ICL22	8-759-793-91	s	IC PAL16L8B-IE17181
ICL23	8-759-203-36	s	IC TC74HC374P
ICL24	8-759-203-36	s	IC TC74HC374P
ICL26	8-759-113-06	s	IC CXD1037G
ICL29	8-759-113-06	s	IC CXD1037G
ICL31	8-759-913-63	s	IC SN74ALS374N
ICL32	8-759-913-63	s	IC SN74ALS374N
ICL33	8-759-913-63	s	IC SN74ALS374N
ICL34	8-759-913-63	s	IC SN74ALS374N
ICM5	8-759-001-42	s	IC MC74HC174N
ICM6	8-759-001-42	s	IC MC74HC174N
ICM7	8-759-202-32	s	IC TC74HC163P
ICM8	8-759-202-15	s	IC TC74HC10P
ICM26	8-759-113-06	s	IC CXD1037G
ICM29	8-759-113-06	s	IC CXD1037G
ICM31	8-759-913-63	s	IC SN74ALS374N
ICM32	8-759-913-63	s	IC SN74ALS374N
ICM33	8-759-913-63	s	IC SN74ALS374N
ICM34	8-759-913-63	s	IC SN74ALS374N
L5	1-421-370-00	s	COIL, CHOKE
L6	1-421-370-00	s	COIL, CHOKE
L7	1-421-370-00	s	COIL, CHOKE
L8	1-421-370-00	s	COIL, CHOKE
L9	1-421-370-00	s	COIL, CHOKE
L10	1-421-370-00	s	COIL, CHOKE
L11	1-410-330-11	s	INDUCTOR, 22uH 10%
L13	1-410-746-11	s	INDUCTOR, VAR
R25	1-215-401-11	s	RES, METAL 150 1% 1/6W
R26	1-215-401-11	s	RES, METAL 150 1% 1/6W
R31	1-215-401-11	s	RES, METAL 150 1% 1/6W

(IE-17 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
R32	1-215-401-11	s	RES, METAL 150 1% 1/6W
R46	1-215-401-11	s	RES, METAL 150 1% 1/6W
R47	1-215-401-11	s	RES, METAL 150 1% 1/6W
R48	1-215-401-11	s	RES, METAL 150 1% 1/6W
R49	1-215-401-11	s	RES, METAL 150 1% 1/6W
R54	1-215-401-11	s	RES, METAL 150 1% 1/6W
R55	1-215-401-11	s	RES, METAL 150 1% 1/6W
R65	1-215-401-11	s	RES, METAL 150 1% 1/6W
R66	1-215-401-11	s	RES, METAL 150 1% 1/6W
R67	1-215-401-11	s	RES, METAL 150 1% 1/6W
R68	1-215-401-11	s	RES, METAL 150 1% 1/6W
R82	1-215-401-11	s	RES, METAL 150 1% 1/6W
R83	1-215-401-11	s	RES, METAL 150 1% 1/6W
R84	1-215-401-11	s	RES, METAL 150 1% 1/6W
R85	1-215-401-11	s	RES, METAL 150 1% 1/6W
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB10	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB14	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB15	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB16	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB20	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB22	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB23	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB26	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB27	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB28	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB29	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB30	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB31	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB32	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB33	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB34	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB35	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB36	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB37	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB38	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB39	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB40	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB41	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB42	1-231-399-00	s	RESISTOR BLOCK, 330X8
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

IF-139 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-004-A	o	COMPLETE PCB, IF-139
(This assembly includes the following parts.)			
1pc	3-715-721-31	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
2pcs	7-682-647-09	s	SCREW, +PS 3X6
2pcs	7-684-023-04	s	N 3, TYPE 2
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
BT1	1-528-218-11	s	BATTERY, LITHIUM CR2032WT13H
C1	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C7	1-131-374-00	s	CAP, TANT 33uF 10% 16V
C26	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C27	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C28	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C41	1-136-165-00	s	CAP, MYLAR 0.1uF 5% 50V
C42	1-131-374-00	s	CAP, TANT 33uF 10% 16V
C60	1-107-037-00	s	CAP, MICA 82PF 5% 500V
CN1F	1-563-339-11	o	RECEP, DIN 48P, FEMALE
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-815-55	s	DIODE 1S1555
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
IC1	8-759-179-12	s	IC uPC7912H
IC2	8-759-171-12	s	IC uPC7812H
ICA1	8-759-007-09	s	IC MC74HC540N
ICB1	8-759-007-09	s	IC MC74HC540N
ICC1	8-759-007-09	s	IC MC74HC540N
ICC6	8-759-939-61	s	IC DS1210
ICD1	8-759-202-26	s	IC TC74HC138P
ICD2	8-759-202-26	s	IC TC74HC138P
ICD3	8-759-203-50	s	IC TC74HC574P
ICD4	8-759-203-50	s	IC TC74HC574P
ICD5	8-759-203-50	s	IC TC74HC574P
ICD6	8-759-203-50	s	IC TC74HC574P
ICD7	8-759-202-56	s	IC TC74HC245P
ICD8	8-759-203-18	s	IC TC74HC253P
ICE2	8-759-203-33	s	IC TC74HC367P
ICE3	8-759-203-48	s	IC TC74HC573P
ICE4	8-759-202-26	s	IC TC74HC138P
ICE5	8-759-202-26	s	IC TC74HC138P
ICE6	8-759-202-22	s	IC TC74HC74P
ICE7	8-759-202-21	s	IC TC74HC32P
ICE8	8-759-202-22	s	IC TC74HC74P
ICE9	8-759-202-74	s	IC TC74HC04P
ICE10	8-759-905-03	s	IC SN75161AN
ICE11	8-759-905-02	s	IC SN75160AN
ICE12	8-759-905-03	s	IC SN75161AN
ICE13	8-759-905-02	s	IC SN75160AN
ICE14	8-759-912-30	s	IC SN74ALS640AN
ICE15	8-759-908-71	s	IC SN74ALS244AN
ICE16	8-759-926-31	s	IC AM26LS31PC
ICF2	8-759-105-75	s	IC uPD70108D-8
ICF3	8-759-203-48	s	IC TC74HC573P
ICF4	8-759-741-09	s	IC MBM27C256A-IF1390135
ICF6	8-759-321-82	s	IC CXK5864AP-10L
ICF8	8-759-202-32	s	IC TC74HC163P
ICF9	8-759-202-32	s	IC TC74HC163P
ICF11	8-759-905-04	s	IC TMS9914ANL
ICF12	8-759-905-04	s	IC TMS9914ANL
ICF14	8-759-912-30	s	IC SN74ALS640AN
ICF16	8-759-202-22	s	IC TC74HC74P
ICF17	8-759-202-22	s	IC TC74HC74P
ICF18	8-752-304-30	s	IC CX23043
ICF19	8-759-202-74	s	IC TC74HC04P
ICF20	8-759-202-14	s	IC TC74HC08P
ICF21	8-752-304-30	s	IC CX23043
ICF22	8-759-202-11	s	IC TC74HC00P
ICF24	8-759-203-50	s	IC TC74HC574P

(IF-139 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICF25	8-759-908-23	s	IC MB88303
ICF26	8-759-202-21	s	IC TC74HC32P
ICF27	8-759-908-71	s	IC SN74ALS244AN
ICF28	8-759-202-74	s	IC TC74HC04P
ICF29	8-759-926-32	s	IC AM26LS32PC
ICG3	8-759-107-59	s	IC CXQ71086P
ICG4	8-759-202-74	s	IC TC74HC04P
ICG8	8-759-203-33	s	IC TC74HC367P
ICG15	8-759-900-69	s	IC SN74ALS74AN
ICG16	8-759-202-22	s	IC TC74HC74P
ICG17	8-759-202-21	s	IC TC74HC32P
ICG18	8-759-202-27	s	IC TC74HC157P
ICG19	8-759-202-27	s	IC TC74HC157P
ICG20	8-759-202-27	s	IC TC74HC157P
ICG21	8-759-202-27	s	IC TC74HC157P
ICG22	8-759-202-27	s	IC TC74HC157P
ICG23	8-759-202-27	s	IC TC74HC157P
ICG24	8-759-202-22	s	IC TC74HC74P
ICG25	8-759-202-74	s	IC TC74HC04P
ICG26	8-759-202-32	s	IC TC74HC163P
ICG27	8-759-202-32	s	IC TC74HC163P
ICG28	8-759-202-22	s	IC TC74HC74P
ICG29	8-759-900-69	s	IC SN74ALS74AN
ICH1	8-759-908-35	s	IC TL7705CP-B
ICH2	8-759-202-14	s	IC TC74HC08P
ICH3	8-759-107-56	s	IC CXQ71011P
ICH5	8-759-202-22	s	IC TC74HC74P
ICH6	8-759-105-77	s	IC uPD71054C
ICH7	8-759-105-77	s	IC uPD71054C
ICH9	8-759-105-76	s	IC uPD71059C
ICH11	8-759-202-74	s	IC TC74HC04P
ICH12	8-759-202-32	s	IC TC74HC163P
ICH13	8-759-203-40	s	IC TC74HC393P
ICH14	8-759-202-22	s	IC TC74HC74P
ICH15	8-759-202-16	s	IC TC74HC11P
ICH17	8-759-202-22	s	IC TC74HC74P
ICH18	8-759-202-56	s	IC TC74HC245P
ICH19	8-759-302-76	s	IC HM6116ALSP-15
ICH20	8-759-202-55	s	IC TC74HC244P
ICH21	8-759-913-63	s	IC SN74ALS374N
ICH22	8-759-302-76	s	IC HM6116ALSP-15
ICH23	8-759-202-56	s	IC TC74HC245P
ICH24	8-759-302-76	s	IC HM6116ALSP-15
ICH25	8-759-202-22	s	IC TC74HC74P
ICH26	8-759-203-50	s	IC TC74HC574P
ICH27	8-759-203-50	s	IC TC74HC574P
ICH28	8-759-913-63	s	IC SN74ALS374N
ICH29	8-759-913-63	s	IC SN74ALS374N
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB15	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-533-00	s	RESISTOR BLOCK, 10KX4
S1	1-553-856-00	s	SWITCH, PUSH

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IF-139 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
S2	1-553-441-21	s	SWITCH, TOGGLE
S3	1-554-397-21	s	SWITCH, TOGGLE
S4	1-554-329-00	s	SWITCH, TOGGLE
S5	1-570-623-11	s	SWITCH, DIP 4CKT
S6	1-553-252-00	s	SWITCH, ROTARY
X1	1-567-096-00	s	CRYSTAL 15.00000000MHz

IV-14 BOARD, DVPC-1000

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6011-113-A	o	COMPLETE PCB, IV-14
(This assembly includes the following parts.)			
2pcs	4-875-726-00	s	SHEET, INSULATING
2pcs	7-682-649-09	s	SCREW, +PSW 3X10
3pcs	7-682-647-09	s	SCREW, +PS 3X6
8pcs	7-628-254-20	s	SCREW, +PSW 2.6X8
C45	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C47	1-109-807-00	s	CAP, MICA 100PF 1% 100V
C48	1-109-807-00	s	CAP, MICA 100PF 1% 100V
C49	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C50	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C52	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C53	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C54	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C86	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C150	1-109-528-00	s	CAP, MICA 51PF 5% 100V
C153	1-109-528-00	s	CAP, MICA 51PF 5% 100V
C159	1-123-332-00	s	CAP, ELECT 47uF 20% 25V
C256	1-161-900-11	s	CAP, CERAMIC 1uF 50V
C265	1-161-900-11	s	CAP, CERAMIC 1uF 50V
C274	1-161-900-11	s	CAP, CERAMIC 1uF 50V
C283	1-161-900-11	s	CAP, CERAMIC 1uF 50V
C308	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C312	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C314	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C317	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C318	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C321	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C322	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C325	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C327	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C329	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C330	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C333	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C335	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C337	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C401	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C402	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C403	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C404	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C405	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C406	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C407	1-102-114-00	s	CAP, CERAMIC 470PF 10% 50V
C408	1-102-114-00	s	CAP, CERAMIC 470PF 10% 50V
C409	1-102-114-00	s	CAP, CERAMIC 470PF 10% 50V
C410	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C411	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C412	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C413	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C414	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C415	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C416	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C417	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C418	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C419	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C420	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C421	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C422	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C423	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C424	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C425	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C426	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C427	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C428	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
CN048M	1-560-723-00	o	RECEP, IL 3P, MALE
CN049M	1-560-178-00	o	RECEP, 6P, MALE
CN251M	1-560-304-00	o	RECEP, IL 8P, MALE
CN252M	1-560-305-00	o	RECEP, IL 10P, MALE
CN253M	1-560-303-00	o	RECEP, IL 6P, MALE
CN254M	1-560-303-00	o	RECEP, IL 6P, MALE
CN255M	1-560-304-00	o	RECEP, IL 8P, MALE
CN256M	1-560-304-00	o	RECEP, IL 8P, MALE

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-14 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
CN257M	1-560-304-00	o	RECEP, IL 8P, MALE
CN258M	1-560-303-00	o	RECEP, IL 6P, MALE
CN259M	1-560-304-00	o	RECEP, IL 8P, MALE
CN260M	1-560-303-00	o	RECEP, IL 6P, MALE
CN261M	1-560-303-00	o	RECEP, IL 6P, MALE
CN262M	1-560-300-00	o	RECEP, IL 3P, MALE
CN263M	1-560-300-00	o	RECEP, IL 3P, MALE
CN264M	1-560-306-00	o	RECEP, IL 12P, MALE
CN265M	1-560-306-00	o	RECEP, IL 12P, MALE
CN266M	1-560-300-00	o	RECEP, IL 3P, MALE
CN267M	1-560-300-00	o	RECEP, IL 3P, MALE
CN268M	1-560-300-00	o	RECEP, IL 3P, MALE
CN269M	1-560-300-00	o	RECEP, IL 3P, MALE
CN270M	1-560-303-00	o	RECEP, IL 6P, MALE
CN271M	1-560-303-00	o	RECEP, IL 6P, MALE
CN272M	1-560-727-00	o	RECEP, 26P, MALE
CN273M	1-560-728-00	o	RECEP, 30P, MALE
CN274M	1-560-300-00	o	RECEP, IL 3P, MALE
CP5	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP6	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP11	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP12	1-231-455-00	s	CR BLOCK, R=51,C=0.01
D1	8-719-102-51	s	DIODE 1SZ51
D2	8-719-911-19	s	DIODE 1SS119
D3	8-719-100-21	s	DIODE RD3.9E-B2
D4	8-719-911-19	s	DIODE 1SS119
D5	8-719-102-51	s	DIODE 1SZ51
D6	8-719-911-19	s	DIODE 1SS119
D7	8-719-911-19	s	DIODE 1SS119
D8	8-719-100-21	s	DIODE RD3.9E-B2
D9	8-719-815-55	s	DIODE 1S1555
D10	8-719-815-55	s	DIODE 1S1555
D11	8-719-100-15	s	DIODE RD3.0E-B
D12	8-719-815-55	s	DIODE 1S1555
D13	8-719-815-55	s	DIODE 1S1555
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F3	⚠ 1-576-031-11	s	FUSE, MICRO 10A
FB1	1-535-178-00	s	FERRITE BEAD
FB2	1-535-178-00	s	FERRITE BEAD
FB3	1-535-178-00	s	FERRITE BEAD
FB4	1-535-178-00	s	FERRITE BEAD
FB5	1-535-178-00	s	FERRITE BEAD
FB6	1-535-178-00	s	FERRITE BEAD
FB7	1-535-178-00	s	FERRITE BEAD
FB8	1-535-178-00	s	FERRITE BEAD
FB9	1-535-178-00	s	FERRITE BEAD
FB10	1-535-178-00	s	FERRITE BEAD
FB11	1-535-178-00	s	FERRITE BEAD
FB12	1-535-178-00	s	FERRITE BEAD
FB13	1-535-178-00	s	FERRITE BEAD
FB14	1-535-178-00	s	FERRITE BEAD
FB15	1-535-178-00	s	FERRITE BEAD
FB16	1-535-178-00	s	FERRITE BEAD
FB17	1-535-178-00	s	FERRITE BEAD
FB18	1-535-178-00	s	FERRITE BEAD
FB19	1-535-178-00	s	FERRITE BEAD
FB20	1-535-178-00	s	FERRITE BEAD
FB21	1-535-178-00	s	FERRITE BEAD
FB22	1-535-178-00	s	FERRITE BEAD
FB23	1-535-178-00	s	FERRITE BEAD
FB24	1-535-178-00	s	FERRITE BEAD
FB25	1-535-178-00	s	FERRITE BEAD
FB26	1-535-178-00	s	FERRITE BEAD
FB27	1-535-178-00	s	FERRITE BEAD
FB28	1-535-178-00	s	FERRITE BEAD
FB29	1-535-178-00	s	FERRITE BEAD
FB30	1-535-178-00	s	FERRITE BEAD
FB31	1-535-178-00	s	FERRITE BEAD
FB32	1-535-178-00	s	FERRITE BEAD

(IV-14 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
FB33	1-535-178-00	s	FERRITE BEAD
FB34	1-535-178-00	s	FERRITE BEAD
FB35	1-535-178-00	s	FERRITE BEAD
FB36	1-535-178-00	s	FERRITE BEAD
FB37	1-535-178-00	s	FERRITE BEAD
FB38	1-535-178-00	s	FERRITE BEAD
IC1	8-759-926-32	s	IC AM26LS32PC
IC2	8-759-926-32	s	IC AM26LS32PC
IC3	8-759-926-31	s	IC AM26LS31PC
IC4	8-759-926-31	s	IC AM26LS31PC
IC5	8-759-926-31	s	IC AM26LS31PC
IC6	8-759-912-12	s	IC SN74ALS240AN
IC7	8-759-912-12	s	IC SN74ALS240AN
IC8	8-759-912-12	s	IC SN74ALS240AN
IC9	8-759-135-80	s	IC uPC358C
IC10	8-759-135-80	s	IC uPC358C
IC11	8-759-202-14	s	IC TC74HC08P
IC12	8-759-202-33	s	IC TC74HC240P
IC13	8-759-202-33	s	IC TC74HC240P
IC14	8-759-926-31	s	IC AM26LS31PC
IC15	8-759-202-11	s	IC TC74HC00P
IC16	8-759-202-11	s	IC TC74HC00P
IC17	8-759-202-89	s	IC TC74HC139P
IC18	8-759-202-33	s	IC TC74HC240P
IC19	8-749-936-61	s	IC BX366A
IC20	8-741-130-60	s	IC BX1306
IC21	8-741-130-60	s	IC BX1306
IC22	8-749-900-76	s	IC HD-1B
IC23	8-749-900-76	s	IC HD-1B
IC24	8-749-936-61	s	IC BX366A
IC25	8-741-130-60	s	IC BX1306
IC26	8-741-130-60	s	IC BX1306
IC27	8-749-900-76	s	IC HD-1B
IC28	8-749-900-76	s	IC HD-1B
IC29	8-749-936-61	s	IC BX366A
IC30	8-741-130-60	s	IC BX1306
IC31	8-741-130-60	s	IC BX1306
IC32	8-749-900-76	s	IC HD-1B
IC33	8-749-900-76	s	IC HD-1B
IC34	8-749-900-76	s	IC HD-1B
IC35	8-749-936-61	s	IC BX366A
IC36	8-749-900-76	s	IC HD-1B
IC37	8-749-936-61	s	IC BX366A
IC38	8-749-900-76	s	IC HD-1B
IC39	8-749-936-61	s	IC BX366A
IC40	8-741-104-00	s	IC BX1040
IC41	8-759-103-19	s	IC uPC319C
IC42	8-749-936-51	s	IC BX365A
IC43	8-741-130-60	s	IC BX1306
IC44	8-741-130-60	s	IC BX1306
IC45	8-741-130-60	s	IC BX1306
IC46	8-749-900-76	s	IC HD-1B
IC47	8-741-130-60	s	IC BX1306
IC48	8-741-130-60	s	IC BX1306
IC49	8-741-130-60	s	IC BX1306
IC50	8-749-900-76	s	IC HD-1B
IC51	8-741-130-60	s	IC BX1306
IC52	8-741-130-60	s	IC BX1306
IC53	8-741-130-60	s	IC BX1306
IC54	8-749-900-76	s	IC HD-1B
IC55	8-741-130-60	s	IC BX1306
IC56	8-741-130-60	s	IC BX1306
IC57	8-741-130-60	s	IC BX1306
IC58	8-749-900-76	s	IC HD-1B
IC59	8-741-130-60	s	IC BX1306
IC60	8-741-130-60	s	IC BX1306
IC61	8-741-130-60	s	IC BX1306
IC62	8-741-130-60	s	IC BX1306
IC63	8-749-936-61	s	IC BX366A
IC64	8-749-900-76	s	IC HD-1B

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-14 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
IC65	8-749-936-51	s	IC BX365A
IC66	8-741-130-60	s	IC BX1306
IC67	8-741-130-60	s	IC BX1306
IC68	8-749-900-76	s	IC HD-1B
IC69	8-749-936-51	s	IC BX365A
IC70	8-741-130-60	s	IC BX1306
IC71	8-741-130-60	s	IC BX1306
IC72	8-749-900-76	s	IC HD-1B
IC73	8-749-936-51	s	IC BX365A
IC74	8-741-130-60	s	IC BX1306
IC75	8-741-130-60	s	IC BX1306
IC76	8-741-122-90	s	IC BX1229
IC77	8-741-122-90	s	IC BX1229
IC78	8-741-122-90	s	IC BX1229
IC79	8-741-122-90	s	IC BX1229
IC80	8-741-122-90	s	IC BX1229
IC81	8-741-122-90	s	IC BX1229
IC82	8-741-122-90	s	IC BX1229
IC83	8-759-108-05	s	IC uPC78L05A
IC84	8-759-171-15	s	IC uPC7815H
IC85	8-759-179-15	s	IC uPC7915H
IC86	8-759-900-72	s	IC NE5532P
IC87	8-759-900-72	s	IC NE5532P
IC88	8-759-900-72	s	IC NE5532P
IC89	8-759-900-72	s	IC NE5532P
ICP1	8-759-107-45	s	IC uPA54HA
ICP2	8-759-107-45	s	IC uPA54HA
ICP3	8-759-107-46	s	IC uPA64HA
ICP4	8-759-107-46	s	IC uPA64HA
ICP7	8-759-107-45	s	IC uPA54HA
ICP8	8-759-107-45	s	IC uPA54HA
ICP9	8-759-107-46	s	IC uPA64HA
ICP10	8-759-107-46	s	IC uPA64HA
ICP13	8-759-107-45	s	IC uPA54HA
ICP14	8-759-107-45	s	IC uPA54HA
ICP15	8-759-107-45	s	IC uPA54HA
ICP16	8-759-107-45	s	IC uPA54HA
ICP17	8-759-107-45	s	IC uPA54HA
ICP18	8-759-107-45	s	IC uPA54HA
ICP19	8-759-107-46	s	IC uPA64HA
ICP20	8-759-107-46	s	IC uPA64HA
ICP21	8 -759-107-46	s	IC uPA64HA
ICP22	8-759-107-46	s	IC uPA64HA
ICP23	8-759-107-46	s	IC uPA64HA
ICP24	8-759-107-46	s	IC uPA64HA
JP1	1-566-385-11	s	PIN, CONNECTOR 2P
JP2	1-566-385-11	s	PIN, CONNECTOR 2P
JP3	1-566-385-11	s	PIN, CONNECTOR 2P
JP4	1-566-385-11	s	PIN, CONNECTOR 2P
JP5	1-566-385-11	s	PIN, CONNECTOR 2P
JP6	1-566-385-11	s	PIN, CONNECTOR 2P
JP7	1-566-385-11	s	PIN, CONNECTOR 2P
JP8	1-566-385-11	s	PIN, CONNECTOR 2P
JP9	1-566-385-11	s	PIN, CONNECTOR 2P
JP10	1-566-385-11	s	PIN, CONNECTOR 2P
JP11	1-566-385-11	s	PIN, CONNECTOR 2P
JP12	1-566-385-11	s	PIN, CONNECTOR 2P
JP13	1-566-385-11	s	PIN, CONNECTOR 2P
JP14	1-566-385-11	s	PIN, CONNECTOR 2P
JP15	1-566-385-11	s	PIN, CONNECTOR 2P
JP16	1-566-385-11	s	PIN, CONNECTOR 2P
JP17	1-566-385-11	s	PIN, CONNECTOR 2P
JP18	1-566-385-11	s	PIN, CONNECTOR 2P
JP19	1-566-385-11	s	PIN, CONNECTOR 2P
JP20	1-566-385-11	s	PIN, CONNECTOR 2P
JP21	1-566-385-11	s	PIN, CONNECTOR 2P
JP22	1-566-385-11	s	PIN, CONNECTOR 2P
JP23	1-566-385-11	s	PIN, CONNECTOR 2P
JP24	1-566-385-11	s	PIN, CONNECTOR 2P
JS1	1-565-413-11	s	RECEPTACLE CONNECTOR 2P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-14 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
JS4	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS5	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS7	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS10	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS11	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS13	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS16	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS17	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS19	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS22	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS23	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-410-364-11	s	INDUCTOR, 39uH 10%
L6	1-410-330-11	s	INDUCTOR, 22uH 10%
L7	1-410-330-11	s	INDUCTOR, 22uH 10%
L8	1-421-370-00	s	COIL, CHOKE
L9	1-421-370-00	s	COIL, CHOKE
Q1	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q2	8-729-169-02	s	TRANSISTOR 2SC2690A
Q3	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q4	8-729-122-02	s	TRANSISTOR 2SA1220A
Q5	8-729-900-07	s	TRANSISTOR 2SB757
Q6	8-729-984-70	s	TRANSISTOR 2SD847
Q7	8-729-201-52	s	TRANSISTOR 2SA1015
Q8	8-729-672-43	s	TRANSISTOR 2SC2724-D
Q9	8-729-201-52	s	TRANSISTOR 2SA1015
Q10	8-729-672-43	s	TRANSISTOR 2SC2724-D
Q11	8-729-201-52	s	TRANSISTOR 2SA1015
Q12	8-729-201-52	s	TRANSISTOR 2SA1015
Q13	8-729-672-43	s	TRANSISTOR 2SC2724-D
Q14	8-729-201-52	s	TRANSISTOR 2SA1015
Q15	8-729-112-06	s	TRANSISTOR 2SA1206
Q16	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q17	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q18	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q19	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q20	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q21	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q22	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q23	8-729-105-72	s	TRANSISTOR 2SK523-L1
R25	1-207-612-00	s	RES, WIREWOUND 0.1 10% 3W
R26	⚠ 1-205-621-11	s	RES, CEMENT 2.7 5% 5W
R27	1-207-612-00	s	RES, WIREWOUND 0.1 10% 3W
R28	⚠ 1-205-621-11	s	RES, CEMENT 2.7 5% 5W
R159	1-214-103-00	s	RES, METAL 62 1% 1/4W
R160	1-214-103-00	s	RES, METAL 62 1% 1/4W
R301	1-249-405-11	s	RES, CARBON 100 5% 1/6W
R302	1-249-405-11	s	RES, CARBON 100 5% 1/6W
R313	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R314	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R315	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R316	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R317	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R318	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R334	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R335	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R336	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R337	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R338	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R339	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R355	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R356	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R357	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R358	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R359	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R360	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R376	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R377	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R378	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R379	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R380	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R381	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W

(IV-14 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
R388	1-214-103-00	s	RES, METAL 62 1% 1/4W
R389	1-214-103-00	s	RES, METAL 62 1% 1/4W
R407	1-215-401-11	s	RES, METAL 150 1% 1/6W
R408	1-215-401-11	s	RES, METAL 150 1% 1/6W
R409	1-215-401-11	s	RES, METAL 150 1% 1/6W
RB1	1-231-450-00	s	RESISTOR BLOCK, 3.3KX8
RV1	1-224-937-00	s	RES, VAR, METAL 1K
RV2	1-224-937-00	s	RES, VAR, METAL 1K
RV3	1-224-939-00	s	RES, VAR, METAL 5K
RV4	1-224-939-00	s	RES, VAR, METAL 5K
RV5	1-224-936-00	s	RES, VAR, METAL 500
RV6	1-224-942-00	s	RES, VAR, METAL 50K
RV7	1-224-937-00	s	RES, VAR, METAL 1K
RV8	1-224-937-00	s	RES, VAR, METAL 1K
RV9	1-224-937-00	s	RES, VAR, METAL 1K
RV10	1-224-937-00	s	RES, VAR, METAL 1K
RV11	1-224-937-00	s	RES, VAR, METAL 1K
RV12	1-224-937-00	s	RES, VAR, METAL 1K
RV13	1-230-749-11	s	RES, VAR, CERMET 5K
RV14	1-230-749-11	s	RES, VAR, CERMET 5K
RV15	1-224-937-00	s	RES, VAR, METAL 1K
RV16	1-224-937-00	s	RES, VAR, METAL 1K
RV17	1-224-937-00	s	RES, VAR, METAL 1K
RV18	1-224-937-00	s	RES, VAR, METAL 1K
RV19	1-224-937-00	s	RES, VAR, METAL 1K
RV20	1-224-937-00	s	RES, VAR, METAL 1K
RV21	1-224-937-00	s	RES, VAR, METAL 1K
RV22	1-224-937-00	s	RES, VAR, METAL 1K
RV23	1-224-935-00	s	RES, VAR, METAL 200
RV24	1-224-935-00	s	RES, VAR, METAL 200
RV25	1-224-935-00	s	RES, VAR, METAL 200
RV26	1-224-935-00	s	RES, VAR, METAL 200
RV27	1-224-935-00	s	RES, VAR, METAL 200
RV28	1-224-935-00	s	RES, VAR, METAL 200
RV29	1-224-935-00	s	RES, VAR, METAL 200
RV30	1-224-935-00	s	RES, VAR, METAL 200
RV31	1-230-746-11	s	RES, VAR, CERMET 500
RV32	1-224-936-00	s	RES, VAR, METAL 500
RV33	1-230-746-11	s	RES, VAR, CERMET 500
RV34	1-224-936-00	s	RES, VAR, METAL 500
RV35	1-230-749-11	s	RES, VAR, CERMET 5K
RV36	1-230-749-11	s	RES, VAR, CERMET 5K
RV37	1-230-749-11	s	RES, VAR, CERMET 5K
RV38	1-230-749-11	s	RES, VAR, CERMET 5K
RV39	1-224-935-00	s	RES, VAR, METAL 200
T1	1-423-189-00	s	TRANSFORMER, INPUT
T2	1-423-189-00	s	TRANSFORMER, INPUT
T3	1-423-189-00	s	TRANSFORMER, INPUT
T4	1-423-189-00	s	TRANSFORMER, INPUT

IV-20 BOARD, DVPC-1000

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6011-121-A	o	COMPLETE PCB, IV-20
(This assembly includes the following parts.)			
2pc	4-875-726-00	s	SHEET, INSULATING
2pc	7-682-649-09	s	SCREW, +PSW 3X10
C1	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C2	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C3	1-109-535-00	s	CAP, MICA 100PF 5% 100V
C4	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C5	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C6	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C7	1-124-596-11	s	CAP, ELECT 27uF 20% 16V
C8	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C9	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C51	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C52	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C53	1-109-535-00	s	CAP, MICA 100PF 5% 100V
C54	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C55	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C56	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C57	1-124-596-11	s	CAP, ELECT 27uF 20% 16V
C58	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C59	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C81	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C82	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C83	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C84	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C104	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C105	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C106	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C107	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C124	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C125	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C126	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C127	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C144	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C145	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C146	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C147	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C191	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C192	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C201	1-161-900-11	s	CAP, CERAMIC 1uF 50V
C202	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C203	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C204	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C205	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C206	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C207	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C221	1-161-900-11	s	CAP, CERAMIC 1uF 50V
C222	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C223	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C224	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C225	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C226	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C227	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C241	1-161-900-11	s	CAP, CERAMIC 1uF 50V
C242	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C243	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C244	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C245	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C246	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C247	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C261	1-161-900-11	s	CAP, CERAMIC 1uF 50V
C262	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C263	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C264	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C265	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C266	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C267	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C281	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-20 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
C291	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C292	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C301	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C302	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C304	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C305	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C306	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C307	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C308	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C309	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C310	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C311	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C312	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C313	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C314	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C315	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C316	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C321	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C322	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C324	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C325	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C326	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C327	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C328	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C329	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C330	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C331	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C332	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C333	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C334	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C335	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C336	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C341	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C342	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C344	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C345	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C346	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C347	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C348	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C349	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C350	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C351	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C352	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C353	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C354	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C355	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C356	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C361	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C362	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C363	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C364	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C365	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C366	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C367	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C368	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C369	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C370	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C371	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C372	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C374	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C375	1-124-578-11	s	CAP, ELECT 120uF 20% 16V
C376	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C377	1-124-578-11	s	CAP, ELECT 120uF 20% 16V
C378	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C379	1-109-528-00	s	CAP, MICA 51PF 5% 100V
C380	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C381	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V

(IV-20 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
C382	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C383	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C384	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C401	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C402	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C403	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C404	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C405	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C406	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C407	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C408	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C409	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C410	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C411	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C412	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C413	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C414	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C415	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C416	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C421	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C422	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C424	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C425	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C426	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C427	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C428	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C429	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C430	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C431	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C432	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C433	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C435	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C436	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C441	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C442	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C444	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C445	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C446	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C447	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C448	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C449	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C450	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C451	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C452	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C453	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C454	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C455	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C456	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C460	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C461	1-107-208-00	s	CAP, MICA 18PF 5% 500V
C462	1-107-208-00	s	CAP, MICA 18PF 5% 500V
C463	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C501	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C502	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C503	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C504	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C505	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C506	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C507	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C508	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C509	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C510	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C511	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C521	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C522	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C523	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C524	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C525	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C526	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C527	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-20 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
C528	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C531	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C532	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C547	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C548	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C551	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C552	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C553	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C554	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C556	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C557	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C558	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C559	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C560	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C561	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C571	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C572	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C573	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C574	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C575	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C576	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C577	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C578	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C581	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C582	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C597	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C598	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C601	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C602	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C603	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C604	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C605	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C606	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C607	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C608	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C609	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C610	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C611	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C621	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C622	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C623	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C624	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C625	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C626	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C627	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C628	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C631	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C632	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C641	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C642	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C643	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C646	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C651	1-107-042-00	s	CAP, MICA 2.2PF 0.5PF 500V
C652	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C653	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C654	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C655	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C656	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C657	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C658	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C659	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C660	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C661	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C662	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C663	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C664	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C665	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C666	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C667	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C671	1-126-108-11	s	CAP, ELECT 56uF 20% 16V

(IV-20 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
C701	1-124-596-11	s	CAP, ELECT 27uF 20% 16V
C703	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C704	1-124-596-11	s	CAP, ELECT 27uF 20% 16V
C705	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C706	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C707	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C708	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C721	1-124-596-11	s	CAP, ELECT 27uF 20% 16V
C722	1-107-165-00	s	CAP, MICA 56PF 5% 500V
C723	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C724	1-124-596-11	s	CAP, ELECT 27uF 20% 16V
C725	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C726	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C727	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C728	1-126-108-11	s	CAP, ELECT 56uF 20% 16V
C743	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C744	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C746	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C747	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C751	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C752	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C753	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C754	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C755	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C756	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C757	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C759	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C760	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C762	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C763	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C801	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
C802	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
C803	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
CN049	1-560-178-00	s	RECEP, 6P, MALE
CN101	1-566-388-11	s	CONNECTOR, 8P
CN121	1-566-388-11	s	CONNECTOR, 8P
CN251	1-560-304-00	s	RECEP, IL 8P, MALE
CN252	1-560-305-00	s	RECEP, IL 10P, MALE
CN253	1-560-303-00	s	RECEP, IL 6P, MALE
CN254	1-560-303-00	s	RECEP, IL 6P, MALE
CN255	1-560-304-00	s	RECEP, IL 8P, MALE
CN256	1-560-304-00	s	RECEP, IL 8P, MALE
CN257	1-560-304-00	s	RECEP, IL 8P, MALE
CN258	1-560-303-00	s	RECEP, IL 6P, MALE
CN259	1-560-304-00	s	RECEP, IL 8P, MALE
CN260	1-560-303-00	s	RECEP, IL 6P, MALE
CN261	1-560-303-00	s	RECEP, IL 6P, MALE
CN262	1-560-300-00	s	RECEP, IL 3P, MALE
CN263	1-560-300-00	s	RECEP, IL 3P, MALE
CN274	1-560-300-00	s	RECEP, IL 3P, MALE
CN275	1-560-302-00	s	RECEP, IL 5P, MALE
CN541	1-566-388-11	s	CONNECTOR, 8P
CN542	1-566-388-11	s	CONNECTOR, 8P
CN543	1-566-388-11	s	CONNECTOR, 8P
CN591	1-566-388-11	s	CONNECTOR, 8P
CN592	1-566-388-11	s	CONNECTOR, 8P
CN593	1-566-388-11	s	CONNECTOR, 8P
CN642	1-566-388-11	s	CONNECTOR, 8P
CN643	1-566-388-11	s	CONNECTOR, 8P
D2	8-719-911-19	s	DIODE 1SS119
D3	8-719-109-72	s	DIODE RD3.9 ESB2
D4	8-719-911-19	s	DIODE 1SS119
D5	8-719-102-51	s	DIODE 1SZ51
D52	8-719-911-19	s	DIODE 1SS119
D53	8-719-109-72	s	DIODE RD3.9 ESB2
D54	8-719-911-19	s	DIODE 1SS119
D55	8-719-102-51	s	DIODE 1SZ51
D261	8-719-911-19	s	DIODE 1SS119
D262	8-719-911-19	s	DIODE 1SS119
D361	8-719-109-63	s	DIODE RD3.0 ESB2
D701	8-719-109-75	s	DIODE RD4.3 ESB2
D721	8-719-109-75	s	DIODE RD4.3 ESB2
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-20 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No	SP	Description
F2	⚠ 1-532-926-12	s	FUSE, MICRO 10A
F3	⚠ 1-532-926-12	s	FUSE, MICRO 10A
FB191	1-535-178-00	s	FERRITE BEAD
FB192	1-535-178-00	s	FERRITE BEAD
FB291	1-535-178-00	s	FERRITE BEAD
FB292	1-535-178-00	s	FERRITE BEAD
FB301	1-535-178-00	s	FERRITE BEAD
FB302	1-535-178-00	s	FERRITE BEAD
FB321	1-535-178-00	s	FERRITE BEAD
FB322	1-535-178-00	s	FERRITE BEAD
FB341	1-535-178-00	s	FERRITE BEAD
FB342	1-535-178-00	s	FERRITE BEAD
FB361	1-535-178-00	s	FERRITE BEAD
FB362	1-535-178-00	s	FERRITE BEAD
FB401	1-535-178-00	s	FERRITE BEAD
FB402	1-535-178-00	s	FERRITE BEAD
FB421	1-535-178-00	s	FERRITE BEAD
FB422	1-535-178-00	s	FERRITE BEAD
FB441	1-535-178-00	s	FERRITE BEAD
FB442	1-535-178-00	s	FERRITE BEAD
FB501	1-535-178-00	s	FERRITE BEAD
FB502	1-535-178-00	s	FERRITE BEAD
FB551	1-535-178-00	s	FERRITE BEAD
FB552	1-535-178-00	s	FERRITE BEAD
FB601	1-535-178-00	s	FERRITE BEAD
FB602	1-535-178-00	s	FERRITE BEAD
FB651	1-535-178-00	s	FERRITE BEAD
FB652	1-535-178-00	s	FERRITE BEAD
FB701	1-535-178-00	s	FERRITE BEAD
FB702	1-535-178-00	s	FERRITE BEAD
FB721	1-535-178-00	s	FERRITE BEAD
FB722	1-535-178-00	s	FERRITE BEAD
IC1	8-759-135-80	s	IC UPC358C
IC51	8-759-135-80	s	IC UPC358C
IC101	8-741-122-90	s	IC BX-1229
IC121	8-741-122-90	s	IC BX-1229
IC141	8-741-122-90	s	IC BX-1229
IC201	8-741-122-90	s	IC BX-1229
IC221	8-741-122-90	s	IC BX-1229
IC241	8-741-122-90	s	IC BX-1229
IC261	8-741-122-90	s	IC BX-1229
IC301	8-741-130-60	s	IC BX-1306
IC302	8-741-130-60	s	IC BX-1306
IC303	8-743-651-00	s	IC BX-365A
IC304	8-741-124-41	s	IC BX-1244A
IC305	8-743-661-00	s	IC BX-366A
IC321	8-741-130-60	s	IC BX-1306
IC322	8-741-130-60	s	IC BX-1306
IC323	8-743-651-00	s	IC BX-365A
IC324	8-741-124-41	s	IC BX-1244A
IC325	8-743-661-00	s	IC BX-366A
IC341	8-741-130-60	s	IC BX-1306
IC342	8-741-130-60	s	IC BX-1306
IC343	8-743-651-00	s	IC BX-365A
IC344	8-741-124-41	s	IC BX-1244A
IC345	8-743-661-00	s	IC BX-366A
IC361	8-741-130-60	s	IC BX-1306
IC362	8-741-130-60	s	IC BX-1306
IC363	8-741-130-60	s	IC BX-1306
IC364	8-743-651-00	s	IC BX-365A
IC365	8-741-104-00	s	IC BX-1040
IC366	8-759-108-05	s	IC UPC78L05A
IC367	8-759-103-19	s	IC UPC319C
IC401	8-741-130-60	s	IC BX-1306
IC402	8-741-130-60	s	IC BX-1306
IC404	8-743-661-00	s	IC BX-366A
IC405	8-741-124-41	s	IC BX-1244A
IC421	8-741-130-60	s	IC BX-1306
IC422	8-741-130-60	s	IC BX-1306
IC423	8-741-130-60	s	IC BX-1306
IC424	8-743-661-00	s	IC BX-366A

(IV-20 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No	SP	Description
IC425	8-741-124-41	s	IC BX-1244A
IC441	8-741-130-60	s	IC BX-1306
IC442	8-741-130-60	s	IC BX-1306
IC443	8-741-130-60	s	IC BX-1306
IC444	8-743-661-00	s	IC BX-366A
IC445	8-741-124-41	s	IC BX-1244A
IC501	8-743-651-00	s	IC BX-365A
IC502	8-741-130-60	s	IC BX-1306
IC503	8-743-661-00	s	IC BX-366A
IC504	8-741-124-41	s	IC BX-1244A
IC521	8-743-651-00	s	IC BX-365A
IC522	8-741-130-60	s	IC BX-1306
IC523	8-743-661-00	s	IC BX-366A
IC543	8-743-661-00	s	IC BX-366A
IC551	8-743-651-00	s	IC BX-365A
IC552	8-741-130-60	s	IC BX-1306
IC553	8-743-661-00	s	IC BX-366A
IC554	8-741-124-41	s	IC BX-1244A
IC571	8-743-651-00	s	IC BX-365A
IC572	8-741-130-60	s	IC BX-1306
IC573	8-743-661-00	s	IC BX-366A
IC593	8-743-661-00	s	IC BX-366A
IC601	8-743-651-00	s	IC BX-365A
IC602	8-741-130-60	s	IC BX-1306
IC603	8-743-661-00	s	IC BX-366A
IC604	8-741-124-41	s	IC BX-1244A
IC621	8-743-651-00	s	IC BX-365A
IC622	8-741-130-60	s	IC BX-1306
IC623	8-743-661-00	s	IC BX-366A
IC641	8-743-651-00	s	IC BX-365A
IC643	8-743-661-00	s	IC BX-366A
IC651	8-743-651-00	s	IC BX-365A
IC652	8-741-130-60	s	IC BX-1306
IC653	8-741-130-60	s	IC BX-1306
IC654	8-741-130-60	s	IC BX-1306
IC655	8-741-130-60	s	IC BX-1306
IC656	8-743-661-00	s	IC BX-366A
IC701	8-759-202-33	s	IC TC74HC240P
IC702	8-759-202-11	s	IC TC74HC00P
IC703	8-759-202-14	s	IC TC74HC08P
IC705	8-759-202-27	s	IC TC74HC157P
IC706	8-759-011-70	s	IC AM26LS31PC
IC708	8-759-202-33	s	IC TC74HC240P
IC709	8-759-202-89	s	IC TC74HC139P
IC710	8-759-902-40	s	IC SN74LS240N
IC741	8-759-902-21	s	IC SN74LS221N
IC743	8-759-902-21	s	IC SN74LS221N
IC746	8-759-902-21	s	IC SN74LS221N
JS541	1-563-859-11	s	RECEPTACLE CONNECTOR 2P
JS542	1-563-859-11	s	RECEPTACLE CONNECTOR 2P
JS591	1-563-859-11	s	RECEPTACLE CONNECTOR 2P
JS592	1-563-859-11	s	RECEPTACLE CONNECTOR 2P
JS642	1-563-859-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L51	1-421-370-00	s	COIL, CHOKE
L81	1-421-370-00	s	COIL, CHOKE
L361	1-410-513-11	s	INDUCTOR, 22uH 5%
L362	1-410-513-11	s	INDUCTOR, 22uH 5%
L461	1-410-516-41	s	INDUCTOR, 39uH 5%
L701	1-408-414-00	s	INDUCTOR, 27uH 5%
L721	1-408-414-00	s	INDUCTOR, 27uH 5%
Q1	8-729-900-07	s	TRANSISTOR 2SB757-B
Q2	8-729-169-02	s	TRANSISTOR 2SC2690A-Q
Q3	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q51	8-729-984-70	s	TRANSISTOR 2SD847
Q52	8-729-122-02	s	TRANSISTOR 2SA1220-P
Q53	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q201	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q202	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q221	8-729-105-72	s	TRANSISTOR 2SK523-L1

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-20 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
Q222	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q241	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q242	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q261	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q262	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q461	8-729-110-52	s	TRANSISTOR 2SA1005-L
Q701	8-729-173-38	s	TRANSISTOR 2SA733-K
Q702	8-729-169-02	s	TRANSISTOR 2SC2690A-Q
Q703	8-729-122-02	s	TRANSISTOR 2SA1220-P
Q721	8-729-173-38	s	TRANSISTOR 2SA733-K
Q722	8-729-169-02	s	TRANSISTOR 2SC2690A-Q
Q723	8-729-122-02	s	TRANSISTOR 2SA1220-P
R1	⚠ 1-205-901-11	s	RES, WIRE-WOUND 2.7 10% 5W
R3	1-207-612-00	s	RES, WIRE-WOUND 0.1 10% 2W
R52	⚠ 1-205-901-11	s	RES, WIRE-WOUND 2.7 10% 5W
R53	1-207-612-00	s	RES, WIRE-WOUND 0.1 10% 2W
R713	1-214-105-00	s	RES, METAL 75 1% 1/4W
R714	1-214-105-00	s	RES, METAL 75 1% 1/4W
R732	1-215-373-31	s	RES, METAL 10 1% 1/6W
R733	1-214-105-00	s	RES, METAL 62 1% 1/4W
R734	1-214-105-00	s	RES, METAL 75 1% 1/4W
RB1	1-231-451-00	s	BLOCK, RES, 3.3K×8
RB2	1-231-521-00	s	BLOCK, RES, 3.3K×4
RB3	1-231-451-00	s	BLOCK, RES, 3.3K×8
RB4	1-231-451-00	s	BLOCK, RES, 3.3K×8
RB5	1-231-521-00	s	BLOCK, RES, 3.3K×4
RV1	1-224-937-00	s	RES, ADJ METAL 1K
RV2	1-224-939-00	s	RES, ADJ METAL 5K
RV51	1-224-937-00	s	RES, ADJ METAL 1K
RV52	1-224-939-00	s	RES, ADJ METAL 5K
RV101	1-224-935-00	s	RES, ADJ METAL 200
RV121	1-224-935-00	s	RES, ADJ METAL 200
RV141	1-224-935-00	s	RES, ADJ METAL 200
RV201	1-224-935-00	s	RES, ADJ METAL 200
RV221	1-224-935-00	s	RES, ADJ METAL 200
RV241	1-224-935-00	s	RES, ADJ METAL 200
RV301	1-224-934-00	s	RES, ADJ METAL 100
RV321	1-224-934-00	s	RES, ADJ METAL 100
RV341	1-224-934-00	s	RES, ADJ METAL 100
RV461	1-224-936-00	s	RES, ADJ METAL 500
RV462	1-224-942-00	s	RES, ADJ METAL 50K
RV501	1-224-935-00	s	RES, ADJ METAL 200
RV503	1-224-934-00	s	RES, ADJ METAL 100
RV522	1-224-935-00	s	RES, ADJ METAL 200
RV523	1-224-934-00	s	RES, ADJ METAL 100
RV524	1-224-941-00	s	RES, ADJ METAL 20K
RV541	1-224-935-00	s	RES, ADJ METAL 200
RV551	1-224-935-00	s	RES, ADJ METAL 200
RV553	1-224-934-00	s	RES, ADJ METAL 100
RV572	1-224-935-00	s	RES, ADJ METAL 200
RV573	1-224-934-00	s	RES, ADJ METAL 100
RV574	1-224-941-00	s	RES, ADJ METAL 20K
RV591	1-224-935-00	s	RES, ADJ METAL 200
RV601	1-224-935-00	s	RES, ADJ METAL 200
RV603	1-224-934-00	s	RES, ADJ METAL 100
RV622	1-224-935-00	s	RES, ADJ METAL 200
RV623	1-224-934-00	s	RES, ADJ METAL 100
RV624	1-224-941-00	s	RES, ADJ METAL 20K
RV641	1-224-935-00	s	RES, ADJ METAL 200
RV651	1-224-935-00	s	RES, ADJ METAL 200
RV652	1-224-934-00	s	RES, ADJ METAL 100

IV-21 BOARD, DVPC-1000

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6011-122-A	o	COMPLETE PCB, IV-21
(This assembly includes the following parts.)			
8pc	7-628-253-10	s	SCREW, +PS 2X5
C801	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C802	1-123-356-00	s	CAP, ELECT 10uF 20% 25V
C803	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C804	1-123-356-00	s	CAP, ELECT 10uF 20% 25V
C821	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C822	1-123-356-00	s	CAP, ELECT 10uF 20% 25V
C823	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C824	1-123-356-00	s	CAP, ELECT 10uF 20% 25V
C841	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C842	1-123-356-00	s	CAP, ELECT 10uF 20% 25V
C843	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C844	1-123-356-00	s	CAP, ELECT 10uF 20% 25V
C861	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C862	1-123-356-00	s	CAP, ELECT 10uF 20% 25V
C863	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C864	1-123-356-00	s	CAP, ELECT 10uF 20% 25V
C881	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C882	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C883	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C884	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C885	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C886	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C887	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C888	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C889	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C890	1-124-599-00	s	CAP, ELECT 220uF 20% 25V
C891	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C892	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C893	1-124-478-11	s	CAP, ELECT 100uF 20% 25V
C894	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C895	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C896	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C897	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C898	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C899	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C900	1-162-781-11	s	CAP, CERAMIC 0.022uF 50V
C901	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C902	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C903	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C904	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C906	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C907	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C908	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C909	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C911	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C912	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C913	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C914	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C916	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C917	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C918	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C919	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C921	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C922	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C923	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C924	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C926	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C927	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C928	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C929	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C931	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C932	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C933	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C934	1-107-077-00	s	CAP, MICA 47PF 5% 50V

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-21 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
C936	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C938	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C939	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C941	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C942	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C943	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C944	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C946	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C947	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C948	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C949	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C951	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C952	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C953	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C954	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C956	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C957	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C958	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C959	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C961	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C962	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C963	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C964	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C966	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C967	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C968	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C969	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C971	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C972	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C973	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C974	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C976	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C977	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C978	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C979	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C981	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C982	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C983	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C984	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C986	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C987	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C988	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C989	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C991	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C992	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C993	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C994	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C996	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C997	1-107-077-00	s	CAP, MICA 47PF 5% 50V
C998	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
C999	1-162-810-11	s	CAP, CERAMIC 0.22uF 50V
CN048	1-560-723-00	s	RECEP, 6P, MALE
CN264	1-560-315-00	s	RECEP, IL 12P, MALE
CN265	1-560-315-00	s	RECEP, IL 12P, MALE
CN266	1-560-309-00	s	RECEP, IL 3P, MALE
CN267	1-560-309-00	s	RECEP, IL 3P, MALE
CN268	1-560-309-00	s	RECEP, IL 3P, MALE
CN269	1-560-309-00	s	RECEP, IL 3P, MALE
CN270	1-560-303-00	s	RECEP, IL 6P, MALE
CN271	1-560-303-00	s	RECEP, IL 6P, MALE
CN272	1-560-757-00	s	RECEP, 26P, MALE
CN273	1-560-870-00	s	HEADER, PIN 30P
CN801	1-566-385-11	s	PIN, CONNECTOR 2P
CN802	1-566-385-11	s	PIN, CONNECTOR 2P
CN803	1-566-385-11	s	PIN, CONNECTOR 2P
CN804	1-566-385-11	s	PIN, CONNECTOR 2P
CN805	1-566-385-11	s	PIN, CONNECTOR 2P
CN806	1-566-385-11	s	PIN, CONNECTOR 2P
CN821	1-566-385-11	s	PIN, CONNECTOR 2P
CN822	1-566-385-11	s	PIN, CONNECTOR 2P

(IV-21 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
CN823	1-566-385-11	s	PIN, CONNECTOR 2P
CN824	1-566-385-11	s	PIN, CONNECTOR 2P
CN825	1-566-385-11	s	PIN, CONNECTOR 2P
CN826	1-566-385-11	s	PIN, CONNECTOR 2P
CN841	1-566-385-11	s	PIN, CONNECTOR 2P
CN842	1-566-385-11	s	PIN, CONNECTOR 2P
CN843	1-566-385-11	s	PIN, CONNECTOR 2P
CN844	1-566-385-11	s	PIN, CONNECTOR 2P
CN845	1-566-385-11	s	PIN, CONNECTOR 2P
CN846	1-566-385-11	s	PIN, CONNECTOR 2P
CN861	1-566-385-11	s	PIN, CONNECTOR 2P
CN862	1-566-385-11	s	PIN, CONNECTOR 2P
CN863	1-566-385-11	s	PIN, CONNECTOR 2P
CN864	1-566-385-11	s	PIN, CONNECTOR 2P
CN865	1-566-385-11	s	PIN, CONNECTOR 2P
CN866	1-566-385-11	s	PIN, CONNECTOR 2P
IC801	8-759-900-72	s	IC NE5532P
IC821	8-759-900-72	s	IC NE5532P
IC841	8-759-900-72	s	IC NE5532P
IC861	8-759-900-72	s	IC NE5532P
IC881	8-759-171-15	s	IC UPC7815H
IC882	8-759-179-15	s	IC UPC7915H
IC901	8-759-926-32	s	IC AM26LS32PC
IC902	8-759-912-12	s	IC SN74ALS240AN
IC903	8-759-912-12	s	IC SN74ALS240AN
IC904	8-759-926-32	s	IC AM26LS32PC
IC905	8-759-926-31	s	IC AM26LS31PC
IC906	8-759-912-12	s	IC SN74ALS240AN
IC907	8-759-926-31	s	IC AM26LS31PC
IC908	8-759-912-12	s	IC SN74ALS240AN
IC909	8-759-926-31	s	IC AM26LS31PC
ICP901	8-759-107-45	s	IC UPA54HA
ICP902	8-759-107-45	s	IC UPA54HA
ICP903	8-759-107-46	s	IC UPA64HA
ICP904	8-759-107-46	s	IC UPA64HA
ICP905	8-759-107-45	s	IC UPA54HA
ICP906	8-759-107-45	s	IC UPA54HA
ICP907	8-759-107-46	s	IC UPA64HA
ICP908	8-759-107-46	s	IC UPA64HA
ICP909	8-759-107-45	s	IC UPA54HA
ICP910	8-759-107-45	s	IC UPA54HA
ICP911	8-759-107-46	s	IC UPA64HA
ICP912	8-759-107-46	s	IC UPA64HA
ICP913	8-759-107-45	s	IC UPA54HA
ICP914	8-759-107-45	s	IC UPA54HA
ICP915	8-759-107-46	s	IC UPA64HA
ICP916	8-759-107-46	s	IC UPA64HA
ICP917	8-759-107-45	s	IC UPA54HA
ICP918	8-759-107-45	s	IC UPA54HA
ICP919	8-759-107-46	s	IC UPA64HA
ICP920	8-759-107-46	s	IC UPA64HA
JS801	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS804	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS805	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS821	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS824	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS825	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS841	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS844	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS845	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS861	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS864	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS865	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L881	1-421-370-00	s	COIL, CHOKE
L882	1-421-370-00	s	COIL, CHOKE
L893	1-421-370-00	s	COIL, CHOKE
R801	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R802	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R803	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R804	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-21 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
R841	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R842	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R843	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R844	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R845	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R846	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R861	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R862	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R863	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R864	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R865	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
R866	1-214-866-00	s	RES, METAL 1.2K 1% 1/2W
RV801	1-230-749-11	s	RES, VAR, CERMET 5K
RV821	1-230-749-11	s	RES, VAR, CERMET 5K
RV841	1-230-749-11	s	RES, VAR, CERMET 5K
RV861	1-230-749-11	s	RES, VAR, CERMET 5K
T801	1-423-189-00	s	TRANSFORMER, INPUT
T821	1-423-189-00	s	TRANSFORMER, INPUT
T841	1-423-189-00	s	TRANSFORMER, INPUT
T861	1-423-189-00	s	TRANSFORMER, INPUT

LE-51 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6025-111-A	o	COMPLETE PCB, LE-51
(This assembly includes the following parts.)			
BZ1	1-529-010-00	s	BUZZER
C1	1-131-372-00	s	CAP, TANT 15uF 10% 16V
C4	1-124-255-00	s	CAP, ELECT 1uF 20% 50V
C5	1-124-255-00	s	CAP, ELECT 1uF 20% 50V
C6	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
CN004M	1-560-756-00	o	RECEP, 20P, MALE
D1	8-719-901-48	s	DIODE LT-9010N
D2	8-719-901-48	s	DIODE LT-9010N
D3	8-719-901-48	s	DIODE LT-9010N
D4	8-719-901-48	s	DIODE LT-9010N
D5	8-719-901-48	s	DIODE LT-9010N
D6	8-719-901-47	s	DIODE LT-9010D
IC1	8-759-900-00	s	IC SN74LS00N
IC2	8-759-902-40	s	IC SN74LS240N
IC3	8-759-700-81	s	IC NJM555D
IC4	8-759-700-81	s	IC NJM555D
R1	1-247-750-11	s	RES, CARBON 680 5% 1/2W
R2	1-247-750-11	s	RES, CARBON 680 5% 1/2W
R3	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R4	1-247-737-11	s	RES, CARBON 68 5% 1/2W
R6	1-247-746-11	s	RES, CARBON 390 5% 1/2W
R7	1-249-405-11	s	RES, CARBON 100 5% 1/6W
R8	1-249-405-11	s	RES, CARBON 100 5% 1/6W
R9	1-249-405-11	s	RES, CARBON 100 5% 1/6W
R10	1-249-423-11	s	RES, CARBON 3.3K 5% 1/6W
R13	1-249-430-11	s	RES, CARBON 12K 5% 1/6W
R14	1-249-430-11	s	RES, CARBON 12K 5% 1/6W
R15	1-249-411-11	s	RES, CARBON 330 5% 1/6W
R16	1-249-423-11	s	RES, CARBON 3.3K 5% 1/6W
R17	1-249-423-11	s	RES, CARBON 3.3K 5% 1/6W
R18	1-249-423-11	s	RES, CARBON 3.3K 5% 1/6W

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

MB-132 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6025-110-A	o	COMPLETE PCB, MB-132
(This assembly includes the following parts.)			
102pc	7-622-207-05	s	N 2.6, TYPE 2
102pc	7-628-254-20	s	SCREW, +PSW, 2.6X8
CN022M	1-560-300-00	o	RECEP, IL 3P, MALE
CN023M	1-560-300-00	o	RECEP, IL 3P, MALE
CN024M	1-560-300-00	o	RECEP, IL 3P, MALE
CN043M	1-560-178-00	o	RECEP, 6P, MALE
CN045M	1-564-943-11	o	RECEP, 12P, MALE
CN701F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN702F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN703F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN704F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN705F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN706F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN707F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN708F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN709F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN710F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN711F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN712F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN713F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN714F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN715F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN716F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN717F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN718F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN719F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN720F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN721F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN722F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN723F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN724F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN725F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN726F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN727F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN728F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN729F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN730F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN731F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN732F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN733F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN734F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN735F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN736F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN737F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN738F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN739F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN740F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN741F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN742F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN743F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN744F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN745F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN751M	1-560-731-00	o	RECEP, 50P, MALE
CN752M	1-560-731-00	o	RECEP, 50P, MALE
CN753M	1-560-727-00	o	RECEP, 26P, MALE
CN754M	1-560-728-00	o	RECEP, 30P, MALE
CN755M	1-560-726-00	o	RECEP, 20P, MALE
CN757M	1-560-306-00	o	RECEP, IL 12P, MALE
CN759M	1-560-306-00	o	RECEP, IL 12P, MALE
CN760M	1-560-306-00	o	RECEP, IL 12P, MALE
CN762M	1-560-306-00	o	RECEP, IL 12P, MALE
CN763M	1-560-306-00	o	RECEP, IL 12P, MALE
CN764M	1-560-305-00	o	RECEP, IL 10P, MALE
CN765M	1-560-301-00	o	RECEP, IL 4P, MALE
CN770M	1-560-303-00	o	RECEP, IL 6P, MALE
CN771M	1-560-304-00	o	RECEP, IL 8P, MALE
CN772M	1-560-304-00	o	RECEP, IL 8P, MALE
CN773M	1-560-303-00	o	RECEP, IL 6P, MALE
CN774M	1-560-303-00	o	RECEP, IL 6P, MALE
CN787F	1-563-337-11	s	RECEP, DIN 96P, FEMALE

(MB-132 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
CN788F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN789F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN793F	1-563-337-11	s	RECEP, DIN 96P, FEMALE
CN794F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
CN795F	1-563-335-11	s	RECEP, DIN 48P, FEMALE
RB1	1-235-411-11	s	RESISTOR BLOCK, 820X8
RB2	1-231-404-00	s	RESISTOR BLOCK, 680X8
RB3	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB4	1-231-400-00	s	RESISTOR BLOCK, 390X8
RB5	1-231-404-00	s	RESISTOR BLOCK, 680X8
RB6	1-235-411-11	s	RESISTOR BLOCK, 820X8
RB7	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB8	1-231-400-00	s	RESISTOR BLOCK, 390X8
RB9	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB10	1-231-400-00	s	RESISTOR BLOCK, 390X8
RB11	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB12	1-231-400-00	s	RESISTOR BLOCK, 390X8
RB13	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB14	1-231-400-00	s	RESISTOR BLOCK, 390X8
RB15	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB16	1-231-400-00	s	RESISTOR BLOCK, 390X8
RB17	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB18	1-231-400-00	s	RESISTOR BLOCK, 390X8

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

PE-18 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Descripton
1pc	1-620-916-11	o	PC BOARD, PE-18 WITHOUT COMPONENT
CN206M	1-506-481-11	o	RECEP, 2P, MALE
D1	8-719-919-67	s	DIODE GL-9PG2

PG-13 BOARD, DVPC-1000

#10001 TO 10599 (J)
#10001 TO 10799 (UK)
#10001 TO 10799 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-003-A	o	COMPLETE PCB, PG-13
(This assembly includes the following parts.)			
1pc	3-715-721-21	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
4pcs	7-682-647-09	s	SCREW, +PS 3X6
4pcs	7-684-023-04	s	N 3, TYPE 2
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C3	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C6	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C8	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C9	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C103	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C109	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C112	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C114	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C116	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C127	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C130	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C131	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C140	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C144	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C147	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C148	1-130-728-00	s	CAP, PP FILM 0.0022uF 1% 100V
C149	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C152	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D6	8-719-100-13	s	DIODE RD2.7E-B2
D7	8-719-100-13	s	DIODE RD2.7E-B2
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A
ICA2	8-759-203-52	s	IC TC74HC595P
ICA3	8-759-203-52	s	IC TC74HC595P
ICA4	8-759-203-52	s	IC TC74HC595P
ICA5	8-759-203-52	s	IC TC74HC595P
ICA6	8-759-202-27	s	IC TC74HC157P
ICA7	8-759-202-27	s	IC TC74HC157P
ICA8	8-759-202-27	s	IC TC74HC157P
ICA9	8-759-202-27	s	IC TC74HC157P
ICA10	8-759-202-14	s	IC TC74HC08P
ICA11	8-759-000-99	s	IC MC74HC74N
ICA12	8-759-202-21	s	IC TC74HC32P
ICA16	8-759-202-55	s	IC TC74HC244P
ICA17	8-759-202-55	s	IC TC74HC244P
ICA18	8-759-203-36	s	IC TC74HC374P
ICA19	8-759-203-36	s	IC TC74HC374P
ICA20	8-759-203-36	s	IC TC74HC374P
ICA21	8-759-000-99	s	IC MC74HC74N
ICB2	8-759-202-24	s	IC TC74HC86P
ICB3	8-759-202-24	s	IC TC74HC86P
ICB4	8-759-903-97	s	IC SN74LS684N
ICB5	8-759-918-33	s	IC CX20160
ICB6	8-759-203-36	s	IC TC74HC374P
ICB7	8-759-203-36	s	IC TC74HC374P
ICB8	8-759-203-36	s	IC TC74HC374P
ICB9	8-759-203-36	s	IC TC74HC374P
ICB10	8-752-304-30	s	IC CX23043
ICB11	8-759-777-68	s	IC MB7226RA-PG13022
ICB12	8-759-777-20	s	IC MB7232RA-PG13073
ICB13	8-759-915-25	s	IC CX23033
ICB14	8-759-915-25	s	IC CX23033
ICB15	8-759-912-12	s	IC SN74ALS240AN
ICB16	8-759-203-36	s	IC TC74HC374P
ICB18	8-759-777-60	s	IC MBL8742H-PG130911
ICB19	8-759-202-26	s	IC TC74HC138P
ICB20	8-759-203-36	s	IC TC74HC374P
ICC2	8-759-202-24	s	IC TC74HC86P
ICC3	8-759-202-24	s	IC TC74HC86P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(PG-13 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10799 (UC)
#10001 TO 10799 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICC4	8-759-903-97	s	IC SN74LS684N
ICC5	8-759-918-33	s	IC CX20160
ICC6	8-759-203-36	s	IC TC74HC374P
ICC7	8-759-203-36	s	IC TC74HC374P
ICC8	8-759-203-36	s	IC TC74HC374P
ICC9	8-759-203-36	s	IC TC74HC374P
ICC10	8-759-202-74	s	IC TC74HC04P
ICC11	8-759-774-15	s	IC MB7226RA-PG13041
ICC12	8-759-779-55	s	IC MB7226RA-PG13014
ICC13	8-759-202-27	s	IC TC74HC157P
ICC14	8-759-918-33	s	IC CX20160
ICC15	8-759-202-27	s	IC TC74HC157P
ICC16	8-759-202-32	s	IC TC74HC163P
ICC17	8-759-908-71	s	IC SN74ALS244AN
ICC19	8-759-103-88	s	IC uPD82C43CY
ICC20	8-759-203-36	s	IC TC74HC374P
ICD2	8-759-900-04	s	IC SN74LS04N
ICD3	8-759-203-52	s	IC TC74HC595P
ICD4	8-759-203-52	s	IC TC74HC595P
ICD5	8-759-203-52	s	IC TC74HC595P
ICD6	8-759-203-52	s	IC TC74HC595P
ICD7	8-759-203-52	s	IC TC74HC595P
ICD8	8-759-203-52	s	IC TC74HC595P
ICD9	8-759-203-52	s	IC TC74HC595P
ICD10	8-759-203-52	s	IC TC74HC595P
ICD11	8-759-202-21	s	IC TC74HC32P
ICD13	8-752-304-30	s	IC CX23043
ICD14	8-759-904-38	s	IC SN74ALS32N
ICD15	8-759-776-24	s	IC MB7226RA-PG13062
ICD16	8-759-202-74	s	IC TC74HC04P
ICD17	8-759-202-33	s	IC TC74HC240P
ICD18	8-759-203-54	s	IC TC74HC640P
ICD19	8-759-203-61	s	IC TC74HC688P
ICD20	8-759-202-33	s	IC TC74HC240P
ICE3	8-759-203-36	s	IC TC74HC374P
ICE4	8-759-203-36	s	IC TC74HC374P
ICE5	8-759-203-36	s	IC TC74HC374P
ICE6	8-759-203-36	s	IC TC74HC374P
ICE7	8-759-203-36	s	IC TC74HC374P
ICE8	8-759-203-36	s	IC TC74HC374P
ICE9	8-759-203-36	s	IC TC74HC374P
ICE10	8-759-203-36	s	IC TC74HC374P
ICE11	8-759-202-32	s	IC TC74HC163P
ICE12	8-759-777-00	s	IC MBM27C256-PG13081
ICE13	8-759-203-36	s	IC TC74HC374P
ICE14	8-759-776-23	s	IC MB7226RA-PG13052
ICE15	8-759-000-99	s	IC MC74HC74N
ICE16	8-759-002-01	s	IC MC74F157N
ICE17	8-759-202-32	s	IC TC74HC163P
ICE18	8-759-202-32	s	IC TC74HC163P
ICE19	8-759-202-74	s	IC TC74HC04P
ICE20	8-759-926-32	s	IC AM26LS32PC
ICF1	8-759-171-05	s	IC uPC7805H
ICF3	8-759-202-11	s	IC TC74HC00P
ICF5	8-759-921-06	s	IC PCM53JP-I
ICF7	8-759-203-52	s	IC TC74HC595P
ICF8	8-759-203-52	s	IC TC74HC595P
ICF9	8-759-925-03	s	IC SM5800
ICF11	8-759-004-84	s	IC MC74HC597N
ICF12	8-759-203-52	s	IC TC74HC595P
ICF13	8-759-203-52	s	IC TC74HC595P
ICF14	8-759-925-03	s	IC SM5800
ICF16	8-759-004-84	s	IC MC74HC597N
ICF17	8-759-202-32	s	IC TC74HC163P
ICF18	8-759-202-32	s	IC TC74HC163P
ICF19	8-759-776-17	s	IC MB7226RA-PG13032
ICF20	8-759-926-31	s	IC AM26LS31PC
ICG1	8-759-179-05	s	IC uPC7905H
ICG3	8-759-140-66	s	IC uPD4066BC
ICG5	8-759-108-96	s	IC uPC811C

(PG-13 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10799 (UC)
#10001 TO 10799 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICG7	8-759-203-52	s	IC TC74HC595P
ICG8	8-759-203-52	s	IC TC74HC595P
ICG11	8-759-004-84	s	IC MC74HC597N
ICG12	8-759-203-52	s	IC TC74HC595P
ICG13	8-759-203-52	s	IC TC74HC595P
ICG16	8-759-004-84	s	IC MC74HC597N
ICG17	8-759-000-99	s	IC MC74HC74N
ICG18	8-759-202-74	s	IC TC74HC04P
ICG19	8-759-202-74	s	IC TC74HC04P
ICG20	8-759-203-36	s	IC TC74HC374P
ICH1	8-759-179-15	s	IC uPC7915H
ICH7	8-759-203-52	s	IC TC74HC595P
ICH8	8-759-203-52	s	IC TC74HC595P
ICH9	8-759-925-03	s	IC SM5800
ICH11	8-759-004-84	s	IC MC74HC597N
ICH12	8-759-203-52	s	IC TC74HC595P
ICH13	8-759-203-52	s	IC TC74HC595P
ICH14	8-759-925-03	s	IC SM5800
ICH16	8-759-004-84	s	IC MC74HC597N
ICH17	8-759-001-26	s	IC MC74HC112N
ICH18	8-759-203-40	s	IC TC74HC393P
ICH19	8-759-202-11	s	IC TC74HC00P
ICH20	8-759-908-71	s	IC SN74ALS244AN
ICJ1	8-759-171-15	s	IC uPC7815H
ICJ3	8-759-900-72	s	IC NE5532P
ICJ5	8-759-900-72	s	IC NE5532P
ICJ7	8-759-203-52	s	IC TC74HC595P
ICJ8	8-759-203-52	s	IC TC74HC595P
ICJ11	8-759-004-84	s	IC MC74HC597N
ICJ12	8-759-203-52	s	IC TC74HC595P
ICJ13	8-759-203-52	s	IC TC74HC595P
ICJ16	8-759-004-84	s	IC MC74HC597N
ICJ17	8-759-906-24	s	IC SN74LS624N
ICJ18	8-759-918-71	s	IC CX23065
ICJ19	8-759-202-27	s	IC TC74HC157P
ICJ20	8-759-203-36	s	IC TC74HC374P
JP1	1-560-733-00	s	PIN, SHORT
JP2	1-560-733-00	s	PIN, SHORT
JS2	1-561-832-00	s	SOCKET, SHORT
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-421-370-00	s	COIL, CHOKE
L6	1-421-370-00	s	COIL, CHOKE
LPF1	1-235-535-11	s	FILTER, LOW-PASS 20KHz
R4	⚠ 1-205-895-11	s	RES, CEMENT 39 10% 5W
R5	⚠ 1-205-895-11	s	RES, CEMENT 39 10% 5W
R36	1-249-748-11	s	RES, CARBON 1.8M 5% 1/4W
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB15	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(PG-13 BOARD, DVPC-1000)

#10001 TO 10599 (J)
#10001 TO 10799 (UC)
#10001 TO 10799 (EK)

Ref. No. or Qty	Part No.	SP	Description
RB22	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB23	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB26	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB27	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB28	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RV2	1-224-939-00	s	RES, VAR, METAL 5K
S1	1-554-080-00	s	SWITCH, ROTARY
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT
S4	1-554-397-21	s	SWITCH, TOGGLE
S5	1-554-397-21	s	SWITCH, TOGGLE
X1	1-527-828-00	s	CRYSTAL 12.000MHz

PG-13 BOARD, DVPC-1000)

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-003-A	o	COMPLETE PCB, PG-13
(This assembly includes the following parts.)			
1pc	3-715-721-21	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
4pcs	7-682-647-09	s	SCREW, +PS 3X6
4pcs	7-684-023-04	s	N 3, TYPE 2
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
CN1	1-566-385-11	s	PIN, CONNECTOR 2P
C3	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C6	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C8	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C9	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C103	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C109	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C112	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C114	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C116	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C127	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C130	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C131	1-124-944-11	s	CAP, ELECT 82uF 20% 25V
C140	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C144	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C147	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C148	1-130-728-00	s	CAP, PP FILM 0.0022uF 1% 100V
C149	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
C152	1-123-356-00	s	CAP, ELECT 10uF 20% 50V
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D6	8-719-100-13	s	DIODE RD2.7E-B2
D7	8-719-100-13	s	DIODE RD2.7E-B2
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
FB1	1-535-178-00	s	FERRITE BEAD
FB2	1-535-178-00	s	FERRITE BEAD
FB3	1-535-178-00	s	FERRITE BEAD
FB4	1-535-178-00	s	FERRITE BEAD
ICA2	8-759-203-52	s	IC TC74HC595P
ICA3	8-759-203-52	s	IC TC74HC595P
ICA4	8-759-203-52	s	IC TC74HC595P
ICA5	8-759-203-52	s	IC TC74HC595P
ICA6	8-759-202-27	s	IC TC74HC157P
ICA7	8-759-202-27	s	IC TC74HC157P
ICA8	8-759-202-27	s	IC TC74HC157P
ICA9	8-759-202-27	s	IC TC74HC157P
ICA10	8-759-202-14	s	IC TC74HC08P
ICA11	8-759-000-99	s	IC MC74HC74N
ICA12	8-759-202-21	s	IC TC74HC32P
ICA16	8-759-202-55	s	IC TC74HC244P
ICA17	8-759-202-55	s	IC TC74HC244P
ICA18	8-759-203-36	s	IC TC74HC374P
ICA19	8-759-203-36	s	IC TC74HC374P
ICA20	8-759-203-36	s	IC TC74HC374P
ICA21	8-759-000-99	s	IC MC74HC74N
ICB2	8-759-202-24	s	IC TC74HC86P
ICB3	8-759-202-24	s	IC TC74HC86P
ICB4	8-759-903-97	s	IC SN74LS684N
ICB5	8-759-918-33	s	IC CX20160
ICB6	8-759-203-36	s	IC TC74HC374P
ICB7	8-759-203-36	s	IC TC74HC374P
ICB8	8-759-203-36	s	IC TC74HC374P
ICB9	8-759-203-36	s	IC TC74HC374P
ICB10	8-752-304-30	s	IC CX23043
ICB11	8-759-777-68	s	IC MB7226RA-PG13022
ICB12	8-759-780-48	s	IC MB7226RA-PG13101
ICB13	8-759-915-25	s	IC CX23033
ICB14	8-759-915-25	s	IC CX23033
ICB15	8-759-912-12	s	IC SN74ALS240AN
ICB16	8-759-203-36	s	IC TC74HC374P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(PG-13 BOARD, DVPC-1000)

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICB18	8-759-777-60	s	IC MBL8742H-PG130911
ICB19	8-759-202-26	s	IC TC74HC138P
ICB20	8-759-203-36	s	IC TC74HC374P
ICC2	8-759-202-24	s	IC TC74HC86P
ICC3	8-759-202-24	s	IC TC74HC86P
ICC4	8-759-903-97	s	IC SN74LS684N
ICC5	8-759-918-33	s	IC CX20160
ICC6	8-759-203-36	s	IC TC74HC374P
ICC7	8-759-203-36	s	IC TC74HC374P
ICC8	8-759-203-36	s	IC TC74HC374P
ICC9	8-759-203-36	s	IC TC74HC374P
ICC10	8-759-202-74	s	IC TC74HC04P
ICC11	8-759-774-15	s	IC MB7226RA-PG13041
ICC12	8-759-779-55	s	IC MB7226RA-PG13014
ICC13	8-759-202-27	s	IC TC74HC157P
ICC14	8-759-918-33	s	IC CX20160
ICC15	8-759-202-27	s	IC TC74HC157P
ICC17	8-759-908-71	s	IC SN74ALS244AN
ICC19	8-759-103-88	s	IC uPD82C43CY
ICC20	8-759-203-36	s	IC TC74HC374P
ICD3	8-759-203-52	s	IC TC74HC595P
ICD4	8-759-203-52	s	IC TC74HC595P
ICD5	8-759-203-52	s	IC TC74HC595P
ICD6	8-759-203-52	s	IC TC74HC595P
ICD7	8-759-203-52	s	IC TC74HC595P
ICD8	8-759-203-52	s	IC TC74HC595P
ICD9	8-759-203-52	s	IC TC74HC595P
ICD10	8-759-203-52	s	IC TC74HC595P
ICD11	8-759-202-21	s	IC TC74HC32P
ICD13	8-752-304-30	s	IC CX23043
ICD14	8-759-202-12	s	IC TC74HC02P
ICD15	8-759-783-82	s	IC MB7226RA-PG13121
ICD16	8-759-202-74	s	IC TC74HC04P
ICD17	8-759-202-33	s	IC TC74HC240P
ICD18	8-759-203-54	s	IC TC74HC640P
ICD19	8-759-203-61	s	IC TC74HC688P
ICD20	8-759-202-33	s	IC TC74HC240P
ICE10	8-759-780-48	s	IC MB7226RA-PG13101
ICE11	8-759-202-32	s	IC TC74HC163P
ICE12	8-759-786-47	s	IC MBM27C256A-PG13081
ICE13	8-759-203-36	s	IC TC74HC374P
ICE14	8-759-780-47	s	IC MB7226RA-PG13111
ICE16	8-759-031-37	s	IC MC74F157AN
ICE17	8-759-202-32	s	IC TC74HC163P
ICE18	8-759-202-32	s	IC TC74HC163P
ICE19	8-759-202-74	s	IC TC74HC04P
ICE20	8-759-926-32	s	IC AM26LS32PC
ICF1	8-759-171-05	s	IC uPC7805H
ICF3	8-759-202-11	s	IC TC74HC00P
ICF5	8-759-921-06	s	IC PCM53JP-I
ICF7	8-759-203-52	s	IC TC74HC595P
ICF8	8-759-203-52	s	IC TC74HC595P
ICF9	8-759-925-03	s	IC SM5800
ICF11	8-759-004-84	s	IC MC74HC597N
ICF12	8-759-203-52	s	IC TC74HC595P
ICF13	8-759-203-52	s	IC TC74HC595P
ICF14	8-759-925-03	s	IC SM5800
ICF16	8-759-004-84	s	IC MC74HC597N
ICF17	8-759-202-32	s	IC TC74HC163P
ICF18	8-759-202-32	s	IC TC74HC163P
ICF19	8-759-776-17	s	IC MB7226RA-PG13032
ICF20	8-759-926-31	s	IC AM26LS31PC
ICG1	8-759-179-05	s	IC uPC7905H
ICG3	8-759-140-66	s	IC uPD4066BC
ICG5	8-759-108-96	s	IC uPC811C
ICG7	8-759-203-52	s	IC TC74HC595P
ICG8	8-759-203-52	s	IC TC74HC595P
ICG11	8-759-004-84	s	IC MC74HC597N
ICG12	8-759-203-52	s	IC TC74HC595P
ICG13	8-759-203-52	s	IC TC74HC595P

(PG-13 BOARD, DVPC-1000)

#10601 & UP (J)
#10801 & UP (UC)
#10801 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICG16	8-759-004-84	s	IC MC74HC597N
ICG17	8-759-000-99	s	IC MC74HC74N
ICG18	8-759-202-74	s	IC TC74HC04P
ICG19	8-759-202-74	s	IC TC74HC04P
ICG20	8-759-203-36	s	IC TC74HC374P
ICH1	8-759-179-15	s	IC uPC7915H
ICH7	8-759-203-52	s	IC TC74HC595P
ICH8	8-759-203-52	s	IC TC74HC595P
ICH9	8-759-925-03	s	IC SM5800
ICH11	8-759-004-84	s	IC MC74HC597N
ICH12	8-759-203-52	s	IC TC74HC595P
ICH13	8-759-203-52	s	IC TC74HC595P
ICH14	8-759-925-03	s	IC SM5800
ICH16	8-759-004-84	s	IC MC74HC597N
ICH17	8-759-001-26	s	IC MC74HC112N
ICH18	8-759-203-40	s	IC TC74HC393P
ICH19	8-759-202-11	s	IC TC74HC00P
ICH20	8-759-908-71	s	IC SN74ALS244AN
ICJ1	8-759-171-15	s	IC uPC7815H
ICJ3	8-759-900-72	s	IC NE5532P
ICJ5	8-759-900-72	s	IC NE5532P
ICJ7	8-759-203-52	s	IC TC74HC595P
ICJ8	8-759-203-52	s	IC TC74HC595P
ICJ11	8-759-004-84	s	IC MC74HC597N
ICJ12	8-759-203-52	s	IC TC74HC595P
ICJ13	8-759-203-52	s	IC TC74HC595P
ICJ16	8-759-004-84	s	IC MC74HC597N
ICJ17	8-759-906-24	s	IC SN74LS624N
ICJ18	8-759-918-71	s	IC CX23065
ICJ19	8-759-202-27	s	IC TC74HC157P
ICJ20	8-759-203-36	s	IC TC74HC374P
JS2	1-561-832-00	s	SOCKET, SHORT
L5	1-421-370-00	s	COIL, CHOKE
L6	1-421-370-00	s	COIL, CHOKE
LPF1	1-235-535-11	s	FILTER, LOW-PASS 20KHz
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB15	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB22	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB23	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB26	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB27	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB28	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RV2	1-224-939-00	s	RES, VAR, METAL 5K
S1	1-554-080-00	s	SWITCH, ROTARY
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT
S4	1-554-397-21	s	SWITCH, TOGGLE
S5	1-554-397-21	s	SWITCH, TOGGLE
X1	1-527-828-00	s	CRYSTAL 12.000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

SP-10 BOARD, DVPC-1000

#21801 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6021-011-A	o	COMPLETE PCB, SP-10
C1	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C2	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C3	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C4	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C5	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C6	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C7	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C8	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C9	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C10	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C11	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C12	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C13	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C14	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C15	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C16	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C18	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C19	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C20	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C21	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C22	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C23	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C24	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C25	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C26	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C27	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V
C28	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C29	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C30	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C31	1-162-807-11	s	CERAMIC 0.12uF 10% 50V
C32	1-162-807-11	s	CERAMIC 0.12uF 10% 50V
CN1	1-560-731-00	o	CONNECTOR, 50P, MALE
CN2	1-560-313-00	o	CONNECTOR, IL 8P, MALE
CN3	1-561-310-00	s	CONNECTOR, COAXIAL MALE
CN4	1-561-310-00	s	CONNECTOR, COAXIAL MALE
CN5	1-561-310-00	s	CONNECTOR, COAXIAL MALE
CN6	1-560-731-00	o	CONNECTOR, 50P, MALE
CP1	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP2	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP3	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP4	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP5	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP6	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP7	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP8	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP9	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
CP10	1-231-455-00	s	ENCAPSULATED COMPONENTS, CR
D1	8-719-912-20	s	DIODE 1SS120
D2	8-719-912-20	s	DIODE 1SS120
D3	8-719-912-20	s	DIODE 1SS120
D4	8-719-912-20	s	DIODE 1SS120
D5	8-719-912-20	s	DIODE 1SS120
D6	8-719-912-20	s	DIODE 1SS120
D7	8-719-912-20	s	DIODE 1SS120
D8	8-719-912-20	s	DIODE 1SS120
FB1	1-535-180-00	s	BEAD, FERRITE
FB2	1-535-180-00	s	BEAD, FERRITE
FB3	1-535-180-00	s	BEAD, FERRITE
FB4	1-535-180-00	s	BEAD, FERRITE
IC1	PENDING	s	SBX1601
IC2	PENDING	s	SBX1601
IC3	PENDING	s	CXA1389P
IC4	PENDING	s	SBX1602
IC5	8-759-012-00	s	IC MC10H116M

(SP-10 BOARD, DVPC-1000)

#21801 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
IC6	8-759-012-00	s	IC MC10H116M
IC7	8-759-012-00	s	IC MC10H116M
IC8	8-759-012-00	s	IC MC10H116M
IC9	8-759-012-00	s	IC MC10H116M
IC10	8-759-012-00	s	IC MC10H116M
IC11	8-759-925-72	s	IC SN74HC02NS
L1	1-410-184-51	s	INDUCTOR CHIP 0.22μH
L2	1-410-184-51	s	INDUCTOR CHIP 0.22μH
Q1	8-729-100-66	s	TRANSISTOR 2SC1623
Q2	8-729-216-22	s	TRANSISTOR 2SA1162
Q3	8-729-216-22	s	TRANSISTOR 2SA1162
Q4	8-729-216-22	s	TRANSISTOR 2SA1162
Q5	8-729-100-66	s	TRANSISTOR 2SC1623
Q6	8-729-100-66	s	TRANSISTOR 2SC1623
Q7	8-729-100-66	s	TRANSISTOR 2SC1623
Q10	8-729-216-22	s	TRANSISTOR 2SA812
Q11	8-729-216-22	s	TRANSISTOR 2SA812
R1	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R2	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R3	1-216-025-00	s	METAL, CHIP 100 5% 1/10W
R4	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R5	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R6	1-216-063-00	s	METAL, CHIP 3.9K 5% 1/10W
R7	1-216-049-00	s	METAL, CHIP 1K 5% 1/10W
R8	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R9	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R10	1-216-049-00	s	METAL, CHIP 1K 5% 1/10W
R11	1-216-021-00	s	METAL, CHIP 68 5% 1/10W
R12	1-216-049-00	s	METAL, CHIP 1K 5% 1/10W
R13	1-216-021-00	s	METAL, CHIP 68 5% 1/10W
R14	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R15	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R16	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R17	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R18	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R20	1-216-049-00	s	METAL, CHIP 1K 5% 1/10W
R21	1-216-063-00	s	METAL, CHIP 3.9K 5% 1/10W
R22	1-216-022-00	s	METAL, CHIP 75 5% 1/10W
R23	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R24	1-216-025-00	s	METAL, CHIP 100 5% 1/10W
R25	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R26	1-216-059-00	s	METAL, CHIP 2.7K 5% 1/10W
R27	1-216-049-00	s	METAL, CHIP 1K 5% 1/10W
R28	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R29	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R30	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R31	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R32	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R33	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R34	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R35	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R36	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R43	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R44	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R45	1-216-025-00	s	METAL, CHIP 100 5% 1/10W
R46	1-216-049-00	s	METAL, CHIP 1K 5% 1/10W
R47	1-216-025-00	s	METAL, CHIP 100 5% 1/10W
R48	1-216-049-00	s	METAL, CHIP 1K 5% 1/10W
R49	1-216-025-00	s	METAL, CHIP 100 5% 1/10W
R50	1-215-420-11	s	METAL, 910 1% 1/6W
R53	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R54	1-216-079-00	s	METAL, CHIP 18K 5% 1/10W
R55	1-216-079-00	s	METAL, CHIP 18K 5% 1/10W

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(SP-10 BOARD, DVPC-1000)

#21801 & UP (J) #21001 & UP (UC) #11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
RB1	1-235-452-11	s	RESISTOR BLOCK 330×4
RB2	1-235-452-11	s	RESISTOR BLOCK 330×4
RB3	1-235-452-11	s	RESISTOR BLOCK 330×4
RB4	1-235-452-11	s	RESISTOR BLOCK 330×4
RB5	1-235-452-11	s	RESISTOR BLOCK 330×4
RB6	1-235-452-11	s	RESISTOR BLOCK 330×4
RB7	1-235-452-11	s	RESISTOR BLOCK 330×4
RB8	1-235-452-11	s	RESISTOR BLOCK 330×4
RB9	1-235-452-11	s	RESISTOR BLOCK 330×4
RB10	1-235-452-11	s	RESISTOR BLOCK 330×4
RB11	1-235-452-11	s	RESISTOR BLOCK 330×4
RB12	1-231-509-00	s	RESISTOR BLOCK 1K×4
RB13	1-231-405-00	s	RESISTOR BLOCK 1K×8
RV1	1-224-939-11	s	RES, ADJ, METAL 5K
RV2	1-224-939-11	s	RES, ADJ, METAL 5K
RV3	1-224-939-11	s	RES, ADJ, METAL 5K
RV4	1-224-936-00	s	RES, ADJ, METAL 500
T1	1-446-330-00	s	TRANSFORMER

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

SY-70 BOARD, DVPC-1000

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-015-A	o	COMPLETE PCB, SY-70
(This assembly includes the following parts.)			
1pc	3-715-724-41	o	LABEL (2), SERIAL NUMBER
1pc	7-682-647-09	s	SCREW, +PS 3×6
1pc	7-684-023-04	s	N 3, TYPE 2
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C65	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C66	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C67	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C68	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C101	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C102	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C103	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C108	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C114	1-131-347-00	s	CAP, TANT 1uF 20% 35V
C201	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C202	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C203	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C208	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C214	1-131-347-00	s	CAP, TANT 1uF 20% 35V
CN4	1-566-391-11	s	PIN, CONNECTOR 20P
CN5	1-566-385-11	s	PIN, CONNECTOR 2P
CN6	1-566-385-11	s	PIN, CONNECTOR 2P
CN7	1-566-385-11	s	PIN, CONNECTOR 2P
CN8	1-566-385-11	s	PIN, CONNECTOR 2P
CN9	1-566-385-11	s	PIN, CONNECTOR 2P
CN10	1-566-385-11	s	PIN, CONNECTOR 2P
CN11	1-566-385-11	s	PIN, CONNECTOR 2P
CN12	1-566-385-11	s	PIN, CONNECTOR 2P
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-404-07	s	DIODE LN45YP
D2	8-719-404-07	s	DIODE LN45YP
D3	8-719-400-35	s	DIODE LN35BP
D4	8-719-400-35	s	DIODE LN35BP
D5	8-719-815-55	s	DIODE 1S1555
D103	8-719-815-55	s	DIODE 1S1555
D106	8-719-915-43	s	DIODE FC54M
D107	8-719-915-43	s	DIODE FC54M
D203	8-719-815-55	s	DIODE 1S1555
D206	8-719-915-43	s	DIODE FC54M
D207	8-719-915-43	s	DIODE FC54M
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
IC1	8-759-700-69	s	IC NJM79L12A
IC2	8-759-108-05	s	IC uPC78L05A
IC3	8-759-178-12	s	IC uPC78L12
IC4	8-759-012-66	s	IC MC7902CT
ICA2	8-759-202-34	s	IC TC74HC257P
ICA3	8-759-918-33	s	IC CX20160
ICA4	8-759-906-78	s	IC 74F399PC
ICA5	8-759-901-53	s	IC SN74LS153N
ICA6	8-759-901-53	s	IC SN74LS153N
ICA7	8-759-901-53	s	IC SN74LS153N
ICA8	8-759-918-33	s	IC CX20160
ICA10	8-759-938-44	s	IC SN74ALS688N
ICA11	8-759-004-80	s	IC MC74HCT374N
ICA12	8-759-938-44	s	IC SN74ALS688N
ICA13	8-759-774-98	s	IC MB7124H-SY70041
ICA14	8-759-004-80	s	IC MC74HCT374N
ICA15	8-759-794-38	s	IC PAL16R4B-SY70132
ICA16	8-759-202-27	s	IC TC74HC157P

(SY-70 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICA17	8-759-202-32	s	IC TC74HC163P
ICA18	8-759-202-32	s	IC TC74HC163P
ICA19	8-759-202-32	s	IC TC74HC163P
ICA20	8-759-202-14	s	IC TC74HC08P
ICA21	8-759-202-74	s	IC TC74HC04P
ICA22	8-759-000-99	s	IC MC74HC74N
ICA24	8-759-794-42	s	IC PAL16L8B-SY70181
ICA26	8-759-902-40	s	IC SN74LS240N
ICA27	8-759-202-75	s	IC TC74HCT04P
ICA29	8-759-201-41	s	IC TD62901P
ICA32	8-759-990-84	s	IC TL084CN
ICB1	8-759-793-97	s	IC PAL16R8B-SY70151
ICB2	8-759-794-39	s	IC PAL16R8B-SY70143
ICB3	8-759-946-64	s	IC SN74ALS04BN
ICB4	8-759-202-32	s	IC TC74HC163P
ICB5	8-759-901-53	s	IC SN74LS153N
ICB6	8-759-901-53	s	IC SN74LS153N
ICB7	8-759-918-33	s	IC CX20160
ICB8	8-759-938-44	s	IC SN74ALS688N
ICB9	8-759-774-97	s	IC MB7124H-SY70031
ICB10	8-759-004-80	s	IC MC74HCT374N
ICB11	8-759-112-37	s	IC uPD41101C-3
ICB12	8-759-112-37	s	IC uPD41101C-3
ICB13	8-759-794-37	s	IC PAL16L8B-SY70122
ICB14	8-759-004-80	s	IC MC74HCT374N
ICB16	8-752-304-30	s	IC CX23043
ICB17	8-752-304-30	s	IC CX23043
ICB19	8-752-304-30	s	IC CX23043
ICB20	8-752-304-30	s	IC CX23043
ICB21	8-759-202-32	s	IC TC74HC163P
ICB22	8-759-000-99	s	IC MC74HC74N
ICB23	8-759-202-74	s	IC TC74HC04P
ICB24	8-759-900-00	s	IC SN74LS00N
ICB25	8-759-902-94	s	IC SN74LS590N
ICB26	8-759-902-94	s	IC SN74LS590N
ICB29	8-759-203-36	s	IC TC74HC374P
ICB32	8-759-784-14	s	IC MBL8742H-SY700812
ICB34	8-759-203-54	s	IC TC74HC640P
ICC1	8-759-775-54	s	IC MB7142H-SY70061
ICC3	8-759-004-80	s	IC MC74HCT374N
ICC4	8-759-004-80	s	IC MC74HCT374N
ICC5	8-759-004-80	s	IC MC74HCT374N
ICC6	8-759-004-80	s	IC MC74HCT374N
ICC7	8-759-913-63	s	IC SN74ALS374N
ICC9	8-759-004-80	s	IC MC74HCT374N
ICC10	8-759-793-96	s	IC PAL16R6B-SY70111
ICC13	8-759-938-87	s	IC CX20149
ICC14	8-759-774-43	s	IC MB7232RA-SY70021
ICC15	8-759-112-18	s	IC uPD4362C-45
ICC16	8-759-112-18	s	IC uPD4362C-45
ICC17	8-759-112-18	s	IC uPD4362C-45
ICC18	8-759-112-18	s	IC uPD4362C-45
ICC19	8-759-112-18	s	IC uPD4362C-45
ICC20	8-759-112-18	s	IC uPD4362C-45
ICC21	8-759-202-21	s	IC TC74HC32P
ICC22	8-759-202-74	s	IC TC74HC04P
ICC23	8-759-202-32	s	IC TC74HC163P
ICC25	8-759-908-71	s	IC SN74ALS244AN
ICC26	8-759-004-80	s	IC MC74HCT374N
ICC28	8-759-777-28	s	IC MBM27C256-SY70073
ICC29	8-759-203-36	s	IC TC74HC374P
ICC30	8-759-103-88	s	IC uPD82C43CY
ICC34	8-759-203-61	s	IC TC74HC688P
ICC35	8-759-202-33	s	IC TC74HC240P
ICD1	8-759-903-99	s	IC SN74LS399N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(SY-70 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICD2	8-759-903-99	s	IC SN74LS399N
ICD3	8-759-774-99	s	IC MB7124H-SY70051
ICD4	8-759-900-86	s	IC SN74LS86N
ICD5	8-759-900-86	s	IC SN74LS86N
ICD6	8-759-938-87	s	IC CX20149
ICD7	8-759-112-37	s	IC uPD41101C-3
ICD8	8-759-774-22	s	IC MB7226RA-SY70011
ICD9	8-759-112-37	s	IC uPD41101C-3
ICD10	8-759-793-94	s	IC PAL16R4B-SY70091
ICD11	8-759-793-95	s	IC PAL16R4B-SY70101
ICD12	8-759-203-36	s	IC TC74HC374P
ICD13	8-759-004-80	s	IC MC74HCT374N
ICD14	8-759-004-80	s	IC MC74HCT374N
ICD16	8-759-937-86	s	IC CX20214
ICD17	8-759-937-86	s	IC CX20214
ICD18	8-759-937-86	s	IC CX20214
ICD20	8-759-937-86	s	IC CX20214
ICD21	8-759-913-63	s	IC SN74ALS374N
ICD22	8-759-904-87	s	IC 74F374PC
ICD23	8-759-202-32	s	IC TC74HC163P
ICD24	8-759-202-32	s	IC TC74HC163P
ICD25	8-759-202-14	s	IC TC74HC08P
ICD26	8-759-202-11	s	IC TC74HC00P
ICD27	8-759-903-67	s	IC SN74LS367AN
ICD28	8-759-902-44	s	IC SN74LS244N
ICD29	8-759-103-88	s	IC uPD82C43CY
ICD31	8-752-304-30	s	IC CX23043
ICD32	8-752-304-30	s	IC CX23043
ICD34	8-759-912-12	s	IC SN74ALS240AN
ICD35	8-759-202-33	s	IC TC74HC240P
ICE2	8-759-202-86	s	IC TC74HC123P
ICE4	8-759-202-86	s	IC TC74HC123P
ICE6	8-759-004-80	s	IC MC74HCT374N
ICE7	8-759-902-45	s	IC SN74LS245N
ICE8	8-759-004-80	s	IC MC74HCT374N
ICE9	8-759-902-45	s	IC SN74LS245N
ICE10	8-759-918-33	s	IC CX20160
ICE11	8-759-112-37	s	IC uPD41101C-3
ICE12	8-759-901-57	s	IC SN74LS157N
ICE13	8-759-918-33	s	IC CX20160
ICE14	8-759-112-37	s	IC uPD41101C-3
ICE15	8-759-901-57	s	IC SN74LS157N
ICE17	8-759-202-32	s	IC TC74HC163P
ICE18	8-759-202-14	s	IC TC74HC08P
ICE19	8-759-794-40	s	IC PAL16R6B-SY70161
ICE21	8-759-202-32	s	IC TC74HC163P
ICE22	8-759-902-40	s	IC SN74LS240N
ICE23	8-759-202-32	s	IC TC74HC163P
ICE24	8-759-202-32	s	IC TC74HC163P
ICE25	8-759-904-87	s	IC 74F374PC
ICE26	8-759-915-93	s	IC 74F163APC
ICE27	8-759-202-11	s	IC TC74HC00P
ICE29	8-759-002-80	s	IC MC10H131L
ICE30	8-759-002-73	s	IC MC10H117L
ICE31	8-749-900-72	s	IC MC5400
ICE34	8-759-900-04	s	IC SN74LS04N
ICE35	8-759-926-32	s	IC AM26LS32PC
ICF2	8-759-202-34	s	IC TC74HC257P
ICF3	8-759-918-33	s	IC CX20160
ICF4	8-759-906-78	s	IC 74F399PC
ICF5	8-759-901-53	s	IC SN74LS153N
ICF6	8-759-901-53	s	IC SN74LS153N
ICF7	8-759-901-53	s	IC SN74LS153N
ICF8	8-759-918-33	s	IC CX20160
ICF9	8-759-794-43	s	IC PAL16R8B-SY70191
ICF10	8-759-938-44	s	IC SN74ALS688N
ICF11	8-759-004-80	s	IC MC74HCT374N
ICF12	8-759-938-44	s	IC SN74ALS688N
ICF13	8-759-774-98	s	IC MB7124H-SY70041
ICF14	8-759-004-80	s	IC MC74HCT374N

(SY-70 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICF15	8-759-794-38	s	IC PAL16R4B-SY70132
ICF16	8-759-202-27	s	IC TC74HC157P
ICF17	8-759-202-32	s	IC TC74HC163P
ICF18	8-759-202-32	s	IC TC74HC163P
ICF19	8-759-202-32	s	IC TC74HC163P
ICF20	8-759-202-14	s	IC TC74HC08P
ICF21	8-759-202-74	s	IC TC74HC04P
ICF22	8-759-000-99	s	IC MC74HC74N
ICF23	8-759-202-75	s	IC TC74HCT04P
ICF25	8-759-300-25	s	IC HD10125
ICF26	8-759-302-31	s	IC HD10231
ICF27	8-759-302-31	s	IC HD10231
ICF30	8-759-001-16	s	IC MC10116L
ICG1	8-759-793-97	s	IC PAL16R8B-SY70151
ICG2	8-759-794-39	s	IC PAL16R8B-SY70143
ICG3	8-759-946-64	s	IC SN74ALS04BN
ICG4	8-759-202-32	s	IC TC74HC163P
ICG5	8-759-901-53	s	IC SN74LS153N
ICG6	8-759-901-53	s	IC SN74LS153N
ICG7	8-759-918-33	s	IC CX20160
ICG8	8-759-938-44	s	IC SN74ALS688N
ICG9	8-759-774-97	s	IC MB7124H-SY70031
ICG10	8-759-004-80	s	IC MC74HCT374N
ICG11	8-759-112-37	s	IC uPD41101C-3
ICG12	8-759-112-37	s	IC uPD41101C-3
ICG13	8-759-794-37	s	IC PAL16L8B-SY70122
ICG14	8-759-004-80	s	IC MC74HCT374N
ICG16	8-752-304-30	s	IC CX23043
ICG17	8-752-304-30	s	IC CX23043
ICG19	8-752-304-30	s	IC CX23043
ICG20	8-752-304-30	s	IC CX23043
ICG21	8-759-202-32	s	IC TC74HC163P
ICG22	8-759-000-99	s	IC MC74HC74N
ICG23	8-759-202-74	s	IC TC74HC04P
ICG24	8-759-202-11	s	IC TC74HC00P
ICG25	8-759-302-31	s	IC HD10231
ICG26	8-759-202-12	s	IC TC74HC02P
ICG27	8-759-202-11	s	IC TC74HC00P
ICG29	8-759-002-80	s	IC MC10H131L
ICG30	8-759-002-73	s	IC MC10H117L
ICG31	8-749-900-72	s	IC MC5400
ICG34	8-759-301-24	s	IC HD10124
ICH1	8-759-775-54	s	IC MB7142H-SY70061
ICH3	8-759-004-80	s	IC MC74HCT374N
ICH4	8-759-004-80	s	IC MC74HCT374N
ICH5	8-759-004-80	s	IC MC74HCT374N
ICH6	8-759-004-80	s	IC MC74HCT374N
ICH7	8-759-913-63	s	IC SN74ALS374N
ICH9	8-759-004-80	s	IC MC74HCT374N
ICH10	8-759-793-96	s	IC PAL16R6B-SY70111
ICH13	8-759-938-87	s	IC CX20149
ICH14	8-759-774-43	s	IC MB7232RA-SY70021
ICH15	8-759-112-18	s	IC uPD4362C-45
ICH16	8-759-112-18	s	IC uPD4362C-45
ICH17	8-759-112-18	s	IC uPD4362C-45
ICH18	8-759-112-18	s	IC uPD4362C-45
ICH19	8-759-112-18	s	IC uPD4362C-45
ICH20	8-759-112-18	s	IC uPD4362C-45
ICH21	8-759-202-21	s	IC TC74HC32P
ICH22	8-759-202-74	s	IC TC74HC04P
ICH23	8-759-904-80	s	IC 74F04PC
ICH24	8-759-000-99	s	IC MC74HC74N
ICH25	8-759-300-25	s	IC HD10125
ICH26	8-759-302-31	s	IC HD10231
ICH27	8-759-302-31	s	IC HD10231
ICH30	8-759-001-16	s	IC MC10116L
ICH34	8-759-002-73	s	IC MC10H117L
ICJ1	8-759-903-99	s	IC SN74LS399N
ICJ2	8-759-903-99	s	IC SN74LS399N
ICJ3	8-759-774-99	s	IC MB7124H-SY70051

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(SY-70 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ4	8-759-900-86	s	IC SN74LS86N
ICJ5	8-759-900-86	s	IC SN74LS86N
ICJ6	8-759-938-87	s	IC CX20149
ICJ7	8-759-112-37	s	IC uPD41101C-3
ICJ8	8-759-774-22	s	IC MB7226RA-SY70011
ICJ9	8-759-112-37	s	IC uPD41101C-3
ICJ10	8-759-793-94	s	IC PAL16R4B-SY70091
ICJ11	8-759-793-95	s	IC PAL16R4B-SY70101
ICJ12	8-759-203-36	s	IC TC74HC374P
ICJ13	8-759-004-80	s	IC MC74HCT374N
ICJ14	8-759-004-80	s	IC MC74HCT374N
ICJ16	8-759-937-86	s	IC CX20214
ICJ17	8-759-937-86	s	IC CX20214
ICJ18	8-759-937-86	s	IC CX20214
ICJ20	8-759-937-86	s	IC CX20214
ICJ21	8-759-913-63	s	IC SN74ALS374N
ICJ22	8-759-904-87	s	IC 74F374PC
ICJ23	8-759-794-41	s	IC PAL16R6B-SY70171
ICJ25	8-759-904-87	s	IC 74F374PC
ICJ26	8-759-915-93	s	IC 74F163APC
ICJ27	8-759-202-11	s	IC TC74HC00P
ICJ28	8-759-902-40	s	IC SN74LS240N
ICJ33	8-759-708-08	s	IC NJM78L08A
JS1	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS2	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS3	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS4	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS5	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS6	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS7	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS8	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS9	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS10	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-421-370-00	s	COIL, CHOKE
L6	1-421-370-00	s	COIL, CHOKE
L7	1-421-370-00	s	COIL, CHOKE
L8	1-421-370-00	s	COIL, CHOKE
L9	1-410-320-11	s	INDUCTOR, 2.2uH 20%
L10	1-410-320-11	s	INDUCTOR, 2.2uH 20%
L11	1-410-312-11	s	INDUCTOR, 0.22uH 20%
L12	1-410-312-11	s	INDUCTOR, 0.22uH 20%
L13	1-410-312-11	s	INDUCTOR, 0.22uH 20%
L14	1-410-312-11	s	INDUCTOR, 0.22uH 20%
LV1	1-410-746-11	s	VAR, INDUCTOR,
LV2	1-410-746-11	s	VAR, INDUCTOR,
Q101	8-729-800-10	s	TRANSISTOR 2SC3068
Q102	8-729-800-10	s	TRANSISTOR 2SC3068
Q103	8-729-100-88	s	TRANSISTOR 2SA1223
Q104	8-729-100-88	s	TRANSISTOR 2SA1223
Q105	8-729-117-33	s	TRANSISTOR 2SC1733
Q106	8-729-800-10	s	TRANSISTOR 2SC3068
Q107	8-729-600-60	s	TRANSISTOR 2SA1115P
Q108	8-729-600-60	s	TRANSISTOR 2SA1115P
Q201	8-729-800-10	s	TRANSISTOR 2SC3068
Q202	8-729-800-10	s	TRANSISTOR 2SC3068
Q203	8-729-100-88	s	TRANSISTOR 2SA1223
Q204	8-729-100-88	s	TRANSISTOR 2SA1223
Q205	8-729-117-33	s	TRANSISTOR 2SC1733
Q206	8-729-800-10	s	TRANSISTOR 2SC3068
Q207	8-729-600-60	s	TRANSISTOR 2SA1115P
Q208	8-729-600-60	s	TRANSISTOR 2SA1115P
R37	1-215-401-11	s	RES, METAL 150 1% 1/6W
R38	1-215-401-11	s	RES, METAL 150 1% 1/6W
R39	1-215-401-11	s	RES, METAL 150 1% 1/6W
R40	1-215-401-11	s	RES, METAL 150 1% 1/6W

(SY-70 BOARD, DVPC-1000)

#10001 TO 11199 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
R46	1-215-401-11	s	RES, METAL 150 1% 1/6W
R47	1-215-401-11	s	RES, METAL 150 1% 1/6W
R52	1-215-401-11	s	RES, METAL 150 1% 1/6W
R53	1-215-401-11	s	RES, METAL 150 1% 1/6W
R111	1-215-401-11	s	RES, METAL 150 1% 1/6W
R211	1-215-401-11	s	RES, METAL 150 1% 1/6W
RB1	1-231-398-00	s	RESISTOR BLOCK, 270X8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB4	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-401-00	s	RESISTOR BLOCK, 470X8
RB17	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB18	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB19	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB20	1-231-401-00	s	RESISTOR BLOCK, 470X8
RB21	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB22	1-231-401-00	s	RESISTOR BLOCK, 470X8
RB23	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB26	1-235-972-11	s	RESISTOR BLOCK, 100X8
RV1	1-230-841-11	s	RES, VAR, METAL 2K
RV2	1-230-842-11	s	RES, VAR, METAL 5K
RV3	1-230-842-11	s	RES, VAR, METAL 5K
RV4	1-230-838-11	s	RES, VAR, METAL 200
RV5	1-230-837-11	s	RES, VAR, METAL 100
RV6	1-230-838-11	s	RES, VAR, METAL 200
RV7	1-230-837-11	s	RES, VAR, METAL 100
RV8	1-230-838-11	s	RES, VAR, METAL 200
RV9	1-230-838-11	s	RES, VAR, METAL 200
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-553-925-00	s	SWITCH, ROTARY
S3	1-553-925-00	s	SWITCH, ROTARY
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
S6	1-553-925-00	s	SWITCH, ROTARY
S7	1-554-080-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

SY-70 BOARD, DVPC-1000

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-015-B	o	COMPLETE PCB, SY-70
(This assembly includes the following parts.)			
1pc	3-715-724-41	o	LABEL (2), SERIAL NUMBER
1pc	7-682-647-09	s	SCREW, +PS 3×6
1pc	7-684-023-04	s	N 3, TYPE 2
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C65	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C66	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C67	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C68	1-131-349-00	s	CAP, TANT 2.2uF 10% 35V
C101	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C102	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C103	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C108	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C115	1-102-074-00	s	CAP, CERAMIC 1000P 10% 50V
C116	1-102-074-00	s	CAP, CERAMIC 1000P 10% 50V
C201	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C202	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C203	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C208	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C215	1-102-074-00	s	CAP, CERAMIC 1000P 10% 50V
C216	1-102-074-00	s	CAP, CERAMIC 1000P 10% 50V
CN4	1-566-391-11	s	PIN, CONNECTOR 20P
CN5	1-566-385-11	s	PIN, CONNECTOR 2P
CN6	1-566-385-11	s	PIN, CONNECTOR 2P
CN7	1-566-385-11	s	PIN, CONNECTOR 2P
CN8	1-566-385-11	s	PIN, CONNECTOR 2P
CN9	1-566-385-11	s	PIN, CONNECTOR 2P
CN10	1-566-385-11	s	PIN, CONNECTOR 2P
CN11	1-566-385-11	s	PIN, CONNECTOR 2P
CN12	1-566-385-11	s	PIN, CONNECTOR 2P
CN13	1-566-385-11	s	PIN, CONNECTOR 2P
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-404-07	s	DIODE LN45YP
D2	8-719-404-07	s	DIODE LN45YP
D3	8-719-400-35	s	DIODE LN35BP
D4	8-719-400-35	s	DIODE LN35BP
D5	8-719-815-55	s	DIODE 1S1555
D101	8-719-815-55	s	DIODE 1S1555
D103	8-719-815-55	s	DIODE 1S1555
D106	8-719-915-43	s	DIODE FC54M
D107	8-719-915-43	s	DIODE FC54M
D201	8-719-815-55	s	DIODE 1S1555
D203	8-719-815-55	s	DIODE 1S1555
D206	8-719-915-43	s	DIODE FC54M
D207	8-719-915-43	s	DIODE FC54M
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
IC1	8-759-700-69	s	IC NJM79L12A
IC2	8-759-108-05	s	IC uPC78L05A
IC3	8-759-178-12	s	IC uPC78L12
IC4	8-759-903-37	s	IC LM337T
IC5	8-759-982-44	s	IC NJM79L05A
ICA2	8-759-202-34	s	IC TC74HC257P
ICA3	8-759-918-33	s	IC CX20160
ICA4	8-759-906-78	s	IC 74F399PC
ICA5	8-759-901-53	s	IC SN74LS153N
ICA6	8-759-901-53	s	IC SN74LS153N
ICA7	8-759-901-53	s	IC SN74LS153N
ICA8	8-759-918-33	s	IC CX20160
ICA10	8-759-938-44	s	IC SN74ALS688N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(SY-70 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICA11	8-759-004-80	s	IC MC74HCT374N
ICA12	8-759-938-44	s	IC SN74ALS688N
ICA13	8-759-774-98	s	IC MB7124H-SY70041
ICA14	8-759-004-80	s	IC MC74HCT374N
ICA15	8-759-794-38	s	IC PAL16R4B-SY70132
ICA16	8-759-202-27	s	IC TC74HC157P
ICA17	8-759-202-32	s	IC TC74HC163P
ICA18	8-759-202-32	s	IC TC74HC163P
ICA19	8-759-202-32	s	IC TC74HC163P
ICA20	8-759-202-14	s	IC TC74HC08P
ICA21	8-759-202-74	s	IC TC74HC04P
ICA22	8-759-000-99	s	IC MC74HC74N
ICA23	8-759-794-64	s	IC PAL16R8B-SY70221
ICA24	8-759-794-42	s	IC PAL16L8B-SY70181
ICA25	8-759-794-62	s	IC PAL16L8B-SY70201
ICA26	8-759-902-40	s	IC SN74LS240N
ICA27	8-759-202-75	s	IC TC74HCT04P
ICA28	8-759-794-63	s	IC PAL16L8B-SY70211
ICA29	8-759-201-41	s	IC TD62901P
ICA32	8-759-990-84	s	IC TL084CN
ICB1	8-759-794-60	s	IC PAL16R8B-SY70152
ICB2	8-759-794-39	s	IC PAL16R8B-SY70143
ICB3	8-759-946-64	s	IC SN74ALS04BN
ICB4	8-759-202-32	s	IC TC74HC163P
ICB5	8-759-901-53	s	IC SN74LS153N
ICB6	8-759-901-53	s	IC SN74LS153N
ICB7	8-759-918-33	s	IC CX20160
ICB8	8-759-938-44	s	IC SN74ALS688N
ICB9	8-759-774-97	s	IC MB7124H-SY70031
ICB10	8-759-004-80	s	IC MC74HCT374N
ICB11	8-759-112-37	s	IC uPD41101C-3
ICB12	8-759-112-37	s	IC uPD41101C-3
ICB13	8-759-795-91	s	IC PAL16L8B-SY70261
ICB14	8-759-004-80	s	IC MC74HCT374N
ICB16	8-752-304-30	s	IC CX23043
ICB17	8-752-304-30	s	IC CX23043
ICB19	8-752-304-30	s	IC CX23043
ICB20	8-752-304-30	s	IC CX23043
ICB21	8-759-202-32	s	IC TC74HC163P
ICB22	8-759-904-84	s	IC 74F74PC
ICB23	8-759-202-75	s	IC TC74HCT04P
ICB24	8-759-900-00	s	IC SN74LS00N
ICB25	8-759-902-94	s	IC SN74LS590N
ICB26	8-759-902-94	s	IC SN74LS590N
ICB29	8-759-203-36	s	IC TC74HC374P
ICB32	8-759-787-13	s	IC MBL8742H-SY700813
ICB34	8-759-203-54	s	IC TC74HC640P
ICC1	8-759-787-11	s	IC MB7142H-SY70062
ICC3	8-759-004-80	s	IC MC74HCT374N
ICC4	8-759-004-80	s	IC MC74HCT374N
ICC5	8-759-004-80	s	IC MC74HCT374N
ICC6	8-759-004-80	s	IC MC74HCT374N
ICC7	8-759-913-63	s	IC SN74ALS374N
ICC9	8-759-004-80	s	IC MC74HCT374N
ICC10	8-759-793-96	s	IC PAL16R6B-SY70111
ICC13	8-759-938-87	s	IC CX20149
ICC14	8-759-742-93	s	IC MB7232RA-SY70022
ICC15	8-759-112-18	s	IC uPD4362C-45
ICC16	8-759-112-18	s	IC uPD4362C-45
ICC17	8-759-112-18	s	IC uPD4362C-45
ICC18	8-759-112-18	s	IC uPD4362C-45
ICC19	8-759-112-18	s	IC uPD4362C-45
ICC20	8-759-112-18	s	IC uPD4362C-45
ICC21	8-759-202-21	s	IC TC74HC32P
ICC22	8-759-202-74	s	IC TC74HC04P
ICC23	8-759-202-32	s	IC TC74HC163P
ICC25	8-759-908-71	s	IC SN74ALS244AN
ICC26	8-759-004-80	s	IC MC74HCT374N
ICC28	8-759-787-14	s	IC MBM27C512-SY70251
ICC29	8-759-203-36	s	IC TC74HC374P
ICC30	8-759-103-88	s	IC uPD82C43CY
ICC34	8-759-203-61	s	IC TC74HC688P
ICC35	8-759-202-33	s	IC TC74HC240P
ICD1	8-759-903-99	s	IC SN74LS399N

(SY-70 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICD2	8-759-903-99	s	IC SN74LS399N
ICD3	8-759-774-99	s	IC MB7124H-SY70051
ICD4	8-759-900-86	s	IC SN74LS86N
ICD5	8-759-900-86	s	IC SN74LS86N
ICD6	8-759-938-87	s	IC CX20149
ICD7	8-759-112-37	s	IC uPD41101C-3
ICD8	8-759-774-22	s	IC MB7226RA-SY70011
ICD9	8-759-112-37	s	IC uPD41101C-3
ICD10	8-759-793-94	s	IC PAL16R4B-SY70091
ICD11	8-759-793-95	s	IC PAL16R4B-SY70101
ICD12	8-759-203-36	s	IC TC74HC374P
ICD13	8-759-004-80	s	IC MC74HCT374N
ICD14	8-759-004-80	s	IC MC74HCT374N
ICD16	8-759-937-86	s	IC CX20214
ICD17	8-759-937-86	s	IC CX20214
ICD18	8-759-937-86	s	IC CX20214
ICD20	8-759-937-86	s	IC CX20214
ICD21	8-759-913-63	s	IC SN74ALS374N
ICD22	8-759-904-87	s	IC 74F374PC
ICD23	8-759-202-32	s	IC TC74HC163P
ICD24	8-759-202-32	s	IC TC74HC163P
ICD25	8-759-794-64	s	IC PAL16R8B-SY70221
ICD26	8-759-202-11	s	IC TC74HC00P
ICD27	8-759-903-67	s	IC SN74LS367AN
ICD28	8-759-794-65	s	IC PAL16R8B-SY70231
ICD29	8-759-103-88	s	IC uPD82C43CY
ICD31	8-752-304-30	s	IC CX23043
ICD32	8-752-304-30	s	IC CX23043
ICD34	8-759-912-12	s	IC SN74ALS240AN
ICD35	8-759-202-33	s	IC TC74HC240P
ICE2	8-759-202-86	s	IC TC74HC123P
ICE4	8-759-202-86	s	IC TC74HC123P
ICE6	8-759-004-80	s	IC MC74HCT374N
ICE7	8-759-902-45	s	IC SN74LS245N
ICE8	8-759-004-80	s	IC MC74HCT374N
ICE9	8-759-902-45	s	IC SN74LS245N
ICE10	8-759-918-33	s	IC CX20160
ICE11	8-759-112-37	s	IC uPD41101C-3
ICE12	8-759-901-57	s	IC SN74LS157N
ICE13	8-759-918-33	s	IC CX20160
ICE14	8-759-112-37	s	IC uPD41101C-3
ICE15	8-759-901-57	s	IC SN74LS157N
ICE17	8-759-202-32	s	IC TC74HC163P
ICE18	8-759-202-14	s	IC TC74HC08P
ICE19	8-759-794-40	s	IC PAL16R6B-SY70161
ICE21	8-759-202-32	s	IC TC74HC163P
ICE22	8-759-902-40	s	IC SN74LS240N
ICE23	8-759-202-32	s	IC TC74HC163P
ICE24	8-759-202-32	s	IC TC74HC163P
ICE25	8-759-904-87	s	IC 74F374PC
ICE26	8-759-915-93	s	IC 74F163APC
ICE27	8-759-202-11	s	IC TC74HC00P
ICE29	8-759-002-80	s	IC MC10H131L
ICE30	8-759-002-73	s	IC MC10H117L
ICE31	8-749-900-72	s	IC MC5400
ICE34	8-759-900-04	s	IC SN74LS04N
ICE35	8-759-926-32	s	IC AM26LS32PC
ICF2	8-759-202-34	s	IC TC74HC257P
ICF3	8-759-918-33	s	IC CX20160
ICF4	8-759-906-78	s	IC 74F399PC
ICF5	8-759-901-53	s	IC SN74LS153N
ICF6	8-759-901-53	s	IC SN74LS153N
ICF7	8-759-901-53	s	IC SN74LS153N
ICF8	8-759-918-33	s	IC CX20160
ICF9	8-759-794-43	s	IC PAL16R8B-SY70191
ICF10	8-759-938-44	s	IC SN74ALS688N
ICF11	8-759-004-80	s	IC MC74HCT374N
ICF12	8-759-938-44	s	IC SN74ALS688N
ICF13	8-759-774-98	s	IC MB7124H-SY70041
ICF14	8-759-004-80	s	IC MC74HCT374N

(SY-70 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICF15	8-759-794-38	s	IC PAL16R4B-SY70132
ICF16	8-759-202-27	s	IC TC74HC157P
ICF17	8-759-202-32	s	IC TC74HC163P
ICF18	8-759-202-32	s	IC TC74HC163P
ICF19	8-759-202-32	s	IC TC74HC163P
ICF20	8-759-202-14	s	IC TC74HC08P
ICF21	8-759-202-74	s	IC TC74HC04P
ICF22	8-759-000-99	s	IC MC74HC74N
ICF23	8-759-202-75	s	IC TC74HCT04P
ICF25	8-759-300-25	s	IC HD10125
ICF26	8-759-302-31	s	IC HD10231
ICF27	8-759-302-31	s	IC HD10231
ICF30	8-759-001-16	s	IC MC10116L
ICG1	8-759-794-66	s	IC PAL16R8B-SY70152
ICG2	8-759-794-39	s	IC PAL16R8B-SY70143
ICG3	8-759-946-64	s	IC SN74ALS04BN
ICG4	8-759-202-32	s	IC TC74HC163P
ICG5	8-759-901-53	s	IC SN74LS153N
ICG6	8-759-901-53	s	IC SN74LS153N
ICG7	8-759-918-33	s	IC CX20160
ICG8	8-759-938-44	s	IC SN74ALS688N
ICG9	8-759-774-97	s	IC MB7124H-SY70031
ICG10	8-759-004-80	s	IC MC74HCT374N
ICG11	8-759-112-37	s	IC uPD41101C-3
ICG12	8-759-112-37	s	IC uPD41101C-3
ICG13	8-759-795-91	s	IC PAL16L8B-SY70261
ICG14	8-759-004-80	s	IC MC74HCT374N
ICG16	8-752-304-30	s	IC CX23043
ICG17	8-752-304-30	s	IC CX23043
ICG19	8-752-304-30	s	IC CX23043
ICG20	8-752-304-30	s	IC CX23043
ICG21	8-759-901-57	s	IC SN74LS157N
ICG22	8-759-904-84	s	IC 74F74PC
ICG23	8-759-202-75	s	IC TC74HCT04P
ICG24	8-759-202-11	s	IC TC74HC00P
ICG25	8-759-302-31	s	IC HD10231
ICG26	8-759-202-12	s	IC TC74HC02P
ICG27	8-759-202-11	s	IC TC74HC00P
ICG29	8-759-002-80	s	IC MC10H131L
ICG30	8-759-002-73	s	IC MC10H117L
ICG31	8-749-900-72	s	IC MC5400
ICG34	8-759-301-24	s	IC HD10124
ICH1	8-759-787-11	s	IC MB7142H-SY70062
ICH3	8-759-004-80	s	IC MC74HCT374N
ICH4	8-759-004-80	s	IC MC74HCT374N
ICH5	8-759-004-80	s	IC MC74HCT374N
ICH6	8-759-004-80	s	IC MC74HCT374N
ICH7	8-759-913-63	s	IC SN74ALS374N
ICH9	8-759-004-80	s	IC MC74HCT374N
ICH10	8-759-793-96	s	IC PAL16R6B-SY70111
ICH13	8-759-938-87	s	IC CX20149
ICH14	8-759-742-93	s	IC MB7232RA-SY70022
ICH15	8-759-112-18	s	IC uPD4362C-45
ICH16	8-759-112-18	s	IC uPD4362C-45
ICH17	8-759-112-18	s	IC uPD4362C-45
ICH18	8-759-112-18	s	IC uPD4362C-45
ICH19	8-759-112-18	s	IC uPD4362C-45
ICH20	8-759-112-18	s	IC uPD4362C-45
ICH21	8-759-202-21	s	IC TC74HC32P
ICH22	8-759-202-74	s	IC TC74HC04P
ICH23	8-759-904-80	s	IC 74F04PC
ICH24	8-759-000-99	s	IC MC74HC74N
ICH25	8-759-300-25	s	IC HD10125
ICH26	8-759-302-31	s	IC HD10231
ICH27	8-759-302-31	s	IC HD10231
ICH30	8-759-001-16	s	IC MC10116L
ICH34	8-759-002-73	s	IC MC10H117L
ICJ1	8-759-903-99	s	IC SN74LS399N
ICJ2	8-759-903-99	s	IC SN74LS399N
ICJ3	8-759-774-99	s	IC MB7124H-SY70051

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(SY-70 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ4	8-759-900-86	s	IC SN74LS86N
ICJ5	8-759-900-86	s	IC SN74LS86N
ICJ6	8-759-938-87	s	IC CX20149
ICJ7	8-759-112-37	s	IC uPD41101C-3
ICJ8	8-759-774-22	s	IC MB7226RA-SY70011
ICJ9	8-759-112-37	s	IC uPD41101C-3
ICJ10	8-759-793-94	s	IC PAL16R4B-SY70091
ICJ11	8-759-793-95	s	IC PAL16R4B-SY70101
ICJ12	8-759-203-36	s	IC TC74HC374P
ICJ13	8-759-004-80	s	IC MC74HCT374N
ICJ14	8-759-004-80	s	IC MC74HCT374N
ICJ16	8-759-937-86	s	IC CX20214
ICJ17	8-759-937-86	s	IC CX20214
ICJ18	8-759-937-86	s	IC CX20214
ICJ20	8-759-937-86	s	IC CX20214
ICJ21	8-759-913-63	s	IC SN74ALS374N
ICJ22	8-759-904-87	s	IC 74F374PC
ICJ23	8-759-794-68	s	IC PAL16R6B-SY70172
ICJ24	8-759-794-67	s	IC PAL16R6B-SY70241
ICJ25	8-759-904-87	s	IC 74F374PC
ICJ26	8-759-915-93	s	IC 74F163APC
ICJ27	8-759-202-11	s	IC TC74HC00P
ICJ28	8-759-902-40	s	IC SN74LS240N
ICJ33	8-759-708-08	s	IC NJM78L08A
JS1	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS2	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS3	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS4	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS5	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS6	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS7	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS8	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS9	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS10	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-421-370-00	s	COIL, CHOKE
L6	1-421-370-00	s	COIL, CHOKE
L7	1-421-370-00	s	COIL, CHOKE
L8	1-421-370-00	s	COIL, CHOKE
L9	1-410-320-11	s	INDUCTOR, 2.2uH 20%
L10	1-410-320-11	s	INDUCTOR, 2.2uH 20%
L11	1-410-312-11	s	INDUCTOR, 0.22uH 20%
L12	1-410-312-11	s	INDUCTOR, 0.22uH 20%
L13	1-410-312-11	s	INDUCTOR, 0.22uH 20%
L14	1-410-312-11	s	INDUCTOR, 0.22uH 20%
LV1	1-410-746-11	s	VAR, INDUCTOR,
LV2	1-410-746-11	s	VAR, INDUCTOR,
Q101	8-729-800-10	s	TRANSISTOR 2SC3068
Q102	8-729-800-10	s	TRANSISTOR 2SC3068
Q103	8-729-100-88	s	TRANSISTOR 2SA1223
Q104	8-729-100-88	s	TRANSISTOR 2SA1223
Q105	8-729-117-33	s	TRANSISTOR 2SC1733
Q106	8-729-800-10	s	TRANSISTOR 2SC3068
Q107	8-729-600-60	s	TRANSISTOR 2SA1115P
Q108	8-729-600-60	s	TRANSISTOR 2SA1115P
Q201	8-729-800-10	s	TRANSISTOR 2SC3068
Q202	8-729-800-10	s	TRANSISTOR 2SC3068
Q203	8-729-100-88	s	TRANSISTOR 2SA1223
Q204	8-729-100-88	s	TRANSISTOR 2SA1223
Q205	8-729-117-33	s	TRANSISTOR 2SC1733
Q206	8-729-800-10	s	TRANSISTOR 2SC3068
Q207	8-729-600-60	s	TRANSISTOR 2SA1115P
Q208	8-729-600-60	s	TRANSISTOR 2SA1115P
R37	1-215-401-11	s	RES, METAL 150 1% 1/6W
R38	1-215-401-11	s	RES, METAL 150 1% 1/6W
R39	1-215-401-11	s	RES, METAL 150 1% 1/6W
R40	1-215-401-11	s	RES, METAL 150 1% 1/6W

(SY-70 BOARD, DVPC-1000)

#11201 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
R46	1-215-401-11	s	RES, METAL 150 1% 1/6W
R47	1-215-401-11	s	RES, METAL 150 1% 1/6W
R52	1-215-401-11	s	RES, METAL 150 1% 1/6W
R53	1-215-401-11	s	RES, METAL 150 1% 1/6W
R111	1-215-401-11	s	RES, METAL 150 1% 1/6W
R211	1-215-401-11	s	RES, METAL 150 1% 1/6W
RB1	1-231-398-00	s	RESISTOR BLOCK, 270X8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB4	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB13	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB14	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-401-00	s	RESISTOR BLOCK, 470X8
RB17	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB18	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB19	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB20	1-231-401-00	s	RESISTOR BLOCK, 470X8
RB21	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB22	1-231-401-00	s	RESISTOR BLOCK, 470X8
RB23	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB26	1-235-972-11	s	RESISTOR BLOCK, 100X8
RB27	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RV1	1-230-841-11	s	RES, VAR, METAL 2K
RV2	1-230-842-11	s	RES, VAR, METAL 5K
RV3	1-230-842-11	s	RES, VAR, METAL 5K
RV4	1-230-838-11	s	RES, VAR, METAL 200
RV6	1-230-838-11	s	RES, VAR, METAL 200
RV8	1-230-838-11	s	RES, VAR, METAL 200
RV9	1-230-838-11	s	RES, VAR, METAL 200
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-553-925-00	s	SWITCH, ROTARY
S3	1-553-925-00	s	SWITCH, ROTARY
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
S6	1-553-925-00	s	SWITCH, ROTARY
S7	1-554-080-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

TG-28 BOARD, DVPC-1000

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-009-A	o	COMPLETE PCB, TG-28
(This assembly includes the following parts.)			
1pc	3-715-721-81	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
3pcs	7-682-647-09	s	SCREW, +PS 3X6
3pcs	7-684-023-04	s	N 3, TYPE 2
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C11	1-130-494-11	s	CAP, MYLAR 0.082uF 5% 50V
C12	1-136-169-00	s	CAP, MYLAR 0.22uF 5% 50V
C13	1-130-487-00	s	CAP, MYLAR 0.022uF 5% 50V
C14	1-130-489-00	s	CAP, MYLAR 0.033uF 5% 50V
C16	1-130-489-00	s	CAP, MYLAR 0.033uF 5% 50V
C17	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C19	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C23	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C24	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C39	1-131-377-00	s	CAP, TANT 10uF 10% 10V
C40	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C41	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C44	1-130-494-11	s	CAP, MYLAR 0.082uF 5% 50V
C45	1-130-494-11	s	CAP, MYLAR 0.082uF 5% 50V
C53	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C54	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C56	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C57	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C58	1-161-379-00	s	CAP, CERAMIC 0.01uF 20% 25V
C60	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C61	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C72	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C77	1-131-377-00	s	CAP, TANT 10uF 10% 10V
C83	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C85	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C86	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C88	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C89	1-131-377-00	s	CAP, TANT 10uF 10% 10V
C92	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C93	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C107	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C108	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C109	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C110	1-161-379-00	s	CAP, CERAMIC 0.01uF 20% 25V
C111	1-162-294-31	s	CAP, CERAMIC 0.001uF 10% 50V
C112	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C113	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C126	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C127	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C131	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C132	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C134	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C155	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C156	1-131-377-00	s	CAP, TANT 10uF 10% 10V
C159	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C171	1-131-377-00	s	CAP, TANT 10uF 10% 10V
C176	1-131-377-00	s	CAP, TANT 10uF 10% 10V
C177	1-131-377-00	s	CAP, TANT 10uF 10% 10V
C182	1-162-294-31	s	CAP, CERAMIC 0.001uF 10% 50V
C192	1-102-115-00	s	CAP, CERAMIC 560PF 10% 50V
C193	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
CN1	1-560-733-00	s	PIN, SHORT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
CP1	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP2	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP3	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP4	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP5	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP6	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP7	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP8	1-231-455-00	s	CR BLOCK, R=51,C=0.01

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(TG-28 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
CP9	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP10	1-231-455-00	s	CR BLOCK, R=51,C=0.01
D1	8-719-800-60	s	DIODE TLR214
D2	8-719-400-35	s	DIODE LN35BP
D3	8-719-100-15	s	DIODE RD3.0E-B
D4	8-719-815-55	s	DIODE 1S1555
D5	8-719-815-55	s	DIODE 1S1555
D6	8-719-815-55	s	DIODE 1S1555
D7	8-719-815-55	s	DIODE 1S1555
D12	8-719-815-55	s	DIODE 1S1555
D13	8-719-815-55	s	DIODE 1S1555
D14	8-719-815-55	s	DIODE 1S1555
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A
F2	⚠ 1-532-926-12	s	FUSE, MICRO 10A
IC1	8-759-170-05	s	IC uPC78M05H
IC2	8-759-700-24	s	IC NJM79M12A
IC3	8-759-170-12	s	IC uPC78M12H
IC4	8-759-107-45	s	IC uPA54HA
ICA1	8-759-900-04	s	IC SN74LS04N
ICA3	8-759-203-43	s	IC TC74HC534P
ICA4	8-759-203-43	s	IC TC74HC534P
ICA5	8-759-202-74	s	IC TC74HC04P
ICA6	8-759-202-32	s	IC TC74HC163P
ICA7	8-759-103-88	s	IC uPD82C43CY
ICA9	8-759-103-88	s	IC uPD82C43CY
ICA11	8-759-103-88	s	IC uPD82C43CY
ICA13	8-759-103-88	s	IC uPD82C43CY
ICA14	8-759-103-88	s	IC uPD82C43CY
ICA16	8-752-304-30	s	IC CX23043
ICA17	8-752-304-30	s	IC CX23043
ICA18	8-752-304-30	s	IC CX23043
ICA19	8-759-900-74	s	IC SN74LS74AN
ICA20	8-759-901-75	s	IC SN74LS175N
ICA21	8-759-902-21	s	IC SN74LS221N
ICA22	8-759-901-23	s	IC SN74LS123N
ICA23	8-759-901-53	s	IC SN74LS153N
ICA24	8-759-902-21	s	IC SN74LS221N
ICA25	8-759-900-74	s	IC SN74LS74AN
ICA26	8-759-900-00	s	IC SN74LS00N
ICA27	8-759-902-21	s	IC SN74LS221N
ICA28	8-759-900-04	s	IC SN74LS04N
ICA30	8-741-104-00	s	IC BX1040
ICA31	8-759-926-32	s	IC AM26LS32PC
ICB2	8-759-202-27	s	IC TC 74HC157P
ICB3	8-759-202-14	s	IC TC74HC08P
ICB4	8-759-202-11	s	IC TC74HC00P
ICB5	8-759-202-32	s	IC TC74HC163P
ICB6	8-759-202-32	s	IC TC74HC163P
ICB7	8-759-202-55	s	IC TC74HC244P
ICB8	8-759-202-55	s	IC TC74HC244P
ICB9	8-759-203-50	s	IC TC74HC574P
ICB10	8-759-203-50	s	IC TC74HC574P
ICB11	8-759-203-50	s	IC TC74HC574P
ICB12	8-759-203-50	s	IC TC74HC574P
ICB13	8-759-203-50	s	IC TC74HC574P
ICB14	8-759-203-50	s	IC TC74HC574P
ICB15	8-759-203-50	s	IC TC74HC574P
ICB16	8-759-903-74	s	IC SN74LS374N
ICB17	8-759-777-72	s	IC MB7138HSK-TG28012
ICB18	8-759-777-73	s	IC MB7138HSK-TG28022
ICB19	8-759-903-74	s	IC SN74LS374N
ICB20	8-759-901-23	s	IC SN74LS123N
ICB21	8-759-900-74	s	IC SN74LS74AN
ICB23	8-759-937-27	s	IC CXB1001G
ICC1	8-752-304-30	s	IC CX23043
ICC2	8-759-901-25	s	IC SN74LS125AN
ICC3	8-759-202-21	s	IC TC74HC32P
ICC5	8-759-202-27	s	IC TC74HC157P

(TG-28 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICC6	8-759-202-32	s	IC TC74HC163P
ICC7	8-759-202-12	s	IC TC74HC02P
ICC8	8-759-900-30	s	IC SN74LS30N
ICC10	8-759-202-32	s	IC TC74HC163P
ICC11	8-759-202-74	s	IC TC74HC04P
ICC12	8-759-203-50	s	IC TC74HC574P
ICC13	8-752-304-30	s	IC CX23043
ICC14	8-752-304-30	s	IC CX23043
ICC15	8-752-304-30	s	IC CX23043
ICC16	8-759-900-04	s	IC SN74LS04N
ICC17	8-759-900-74	s	IC SN74LS74AN
ICC18	8-759-900-04	s	IC SN74LS04N
ICC19	8-759-202-11	s	IC TC74HC00P
ICC20	8-759-000-99	s	IC MC74HC74N
ICC21	8-759-900-86	s	IC SN74LS86N
ICC22	8-759-774-77	s	IC MB7138HSK-TG28031
ICC27	8-759-901-25	s	IC SN74LS125AN
ICC28	8-759-103-19	s	IC uPC319C
ICC31	8-759-904-87	s	IC 74F374PC
ICC32	8-759-300-25	s	IC HD10125
ICC33	8-759-107-46	s	IC uPA64HA
ICC34	8-759-107-45	s	IC uPA54HA
ICD2	8-759-774-79	s	IC MB7138HSK-TG28151
ICD3	8-759-202-32	s	IC TC74HC163P
ICD5	8-759-202-27	s	IC TC74HC157P
ICD6	8-759-202-32	s	IC TC74HC163P
ICD7	8-759-202-27	s	IC TC74HC157P
ICD8	8-759-902-21	s	IC SN74LS221N
ICD9	8-759-912-48	s	IC SN74ALS874NT
ICD10	8-759-202-12	s	IC TC74HC02P
ICD11	8-759-900-04	s	IC SN74LS04N
ICD12	8-759-202-12	s	IC TC74HC02P
ICD13	8-759-900-04	s	IC SN74LS04N
ICD17	8-759-901-75	s	IC SN74LS175N
ICD18	8-759-900-00	s	IC SN74LS00N
ICD19	8-759-902-40	s	IC SN74LS240N
ICD20	8-759-203-54	s	IC TC74HC640P
ICD21	8-759-000-99	s	IC MC74HC74N
ICD23	8-759-918-71	s	IC CX23065
ICD25	8-759-990-82	s	IC TL082CP
ICD27	8-759-900-04	s	IC SN74LS04N
ICD28	8-757-732-00	s	IC CX773B
ICD29	8-759-902-40	s	IC SN74LS240N
ICD30	8-759-300-25	s	IC HD10125
ICD31	8-759-107-46	s	IC uPA64HA
ICD32	8-759-300-25	s	IC HD10125
ICD33	8-759-107-46	s	IC uPA64HA
ICD34	8-759-107-45	s	IC uPA54HA
ICE2	8-759-900-02	s	IC SN74LS02N
ICE3	8-759-900-74	s	IC SN74LS74AN
ICE4	8-759-901-23	s	IC SN74LS123N
ICE5	8-759-901-25	s	IC SN74LS125AN
ICE6	8-759-202-74	s	IC TC74HC04P
ICE7	8-759-202-84	s	IC TC74HC109P
ICE8	8-759-202-12	s	IC TC74HC02P
ICE9	8-759-790-13	s	IC VP16V8E-TG28041
ICE10	8-759-202-21	s	IC TC74HC32P
ICE11	8-759-790-14	s	IC VP16V8E-TG28051
ICE12	8-759-790-14	s	IC VP16V8E-TG28051
ICE13	8-759-001-39	s	IC MC74HC164N
ICE14	8-759-902-40	s	IC SN74LS240N
ICE15	8-759-912-48	s	IC SN74ALS874NT
ICE16	8-759-900-04	s	IC SN74LS04N
ICE17	8-759-774-36	s	IC MB7232RA-TG28061
ICE18	8-759-902-40	s	IC SN74LS240N
ICE19	8-759-203-61	s	IC TC74HC688P
ICE20	8-759-202-33	s	IC TC74HC240P
ICE21	8-759-202-33	s	IC TC74HC240P
ICE22	8-759-000-99	s	IC MC74HC74N
ICE23	8-759-918-71	s	IC CX23065

(TG-28 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICE28	8-759-906-86	s	IC AM686HC
ICE29	8-759-904-84	s	IC 74F74PC
ICE30	8-759-902-40	s	IC SN74LS240N
ICE31	8-759-904-80	s	IC 74F04PC
ICE32	8-759-301-24	s	IC HD10124
ICF2	8-759-900-08	s	IC SN74LS08N
ICF3	8-759-901-75	s	IC SN74LS175N
ICF4	8-759-202-32	s	IC TC74HC163P
ICF5	8-759-202-32	s	IC TC74HC163P
ICF6	8-759-202-32	s	IC TC74HC163P
ICF7	8-759-202-21	s	IC TC74HC32P
ICF8	8-759-203-43	s	IC TC74HC534P
ICF9	8-759-202-22	s	IC TC74HC74P
ICF10	8-759-202-32	s	IC TC74HC163P
ICF11	8-759-203-36	s	IC TC74HC374P
ICF12	8-759-203-36	s	IC TC74HC374P
ICF13	8-759-001-39	s	IC MC74HC164N
ICF14	8-759-902-40	s	IC SN74LS240N
ICF15	8-759-913-63	s	IC SN74ALS374N
ICF16	8-759-901-63	s	IC SN74LS163AN
ICF17	8-759-901-63	s	IC SN74LS163AN
ICF18	8-759-203-43	s	IC TC74HC534P
ICF21	8-759-777-59	s	IC MBL8742H-TG280711
ICF22	8-759-926-32	s	IC AM26LS32PC
ICF24	8-759-990-82	s	IC TL082CP
ICF29	8-759-904-84	s	IC 74F74PC
ICF30	8-759-904-80	s	IC 74F04PC
ICF31	8-759-926-32	s	IC AM26LS32PC
ICF32	8-759-902-40	s	IC SN74LS240N
ICF34	8-759-926-31	s	IC AM26LS31PC
ICG4	8-759-202-32	s	IC TC74HC163P
ICG5	8-759-202-74	s	IC TC74HC04P
ICG6	8-759-202-32	s	IC TC74HC163P
ICG7	8-759-900-04	s	IC SN74LS04N
ICG9	8-759-202-11	s	IC TC74HC00P
ICG10	8-759-000-99	s	IC MC74HC74N
ICG13	8-759-001-39	s	IC MC74HC164N
ICG15	8-759-202-26	s	IC TC74HC138P
ICG16	8-759-901-63	s	IC SN74LS163AN
ICG17	8-759-901-63	s	IC SN74LS163AN
ICG18	8-759-202-32	s	IC TC74HC163P
ICG19	8-759-202-74	s	IC TC74HC04P
ICG22	8-759-775-12	s	IC MBM27C256-TG28081
ICG23	8-759-900-74	s	IC SN74LS74AN
ICG24	8-759-040-44	s	IC MC4044P
ICG26	8-759-990-82	s	IC TL082CP
ICG28	8-759-900-04	s	IC SN74LS04N
ICG29	8-759-904-84	s	IC 74F74PC
ICG30	8-759-902-40	s	IC SN74LS240N
ICG31	8-759-902-40	s	IC SN74LS240N
ICH1	8-759-000-99	s	IC MC74HC74N
ICH2	8-759-203-50	s	IC TC74HC574P
ICH3	8-759-790-15	s	IC VP16V8E-TG28091
ICH4	8-759-203-50	s	IC TC74HC574P
ICH5	8-759-203-50	s	IC TC74HC574P
ICH6	8-759-790-15	s	IC VP16V8E-TG28091
ICH7	8-759-203-50	s	IC TC74HC574P
ICH8	8-759-203-50	s	IC TC74HC574P
ICH9	8-759-790-15	s	IC VP16V8E-TG28091
ICH10	8-759-203-50	s	IC TC74HC574P
ICH11	8-759-203-50	s	IC TC74HC574P
ICH12	8-759-790-15	s	IC VP16V8E-TG28091
ICH13	8-759-203-50	s	IC TC74HC574P
ICH14	8-759-001-39	s	IC MC74HC164N
ICH15	8-759-913-63	s	IC SN74ALS374N
ICH16	8-759-202-32	s	IC TC74HC163P
ICH17	8-759-902-21	s	IC SN74LS221N
ICH18	8-759-000-99	s	IC MC74HC74N
ICH19	8-759-202-14	s	IC TC74HC08P
ICH20	8-759-202-11	s	IC TC74HC00P
ICH21	8-752-304-30	s	IC CX23043

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(TG-28 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICH22	8-752-304-30	s	IC CX23043
ICH23	8-759-203-50	s	IC TC74HC574P
ICH24	8-759-202-32	s	IC TC74HC163P
ICH25	8-759-918-71	s	IC CX23065
ICH30	8-759-906-86	s	IC AM686HC
ICH31	8-759-904-80	s	IC 74F04PC
ICH32	8-759-301-24	s	IC HD10124
ICJ2	8-759-775-13	s	IC MBM27C256-TG28101
ICJ4	8-759-775-14	s	IC MBM27C256-TG28111
ICJ5	8-759-775-13	s	IC MBM27C256-TG28101
ICJ7	8-759-775-14	s	IC MBM27C256-TG28111
ICJ8	8-759-775-13	s	IC MBM27C256-TG28101
ICJ10	8-759-775-14	s	IC MBM27C256-TG28111
ICJ11	8-759-775-13	s	IC MBM27C256-TG28101
ICJ13	8-759-775-14	s	IC MBM27C256-TG28111
ICJ14	8-759-202-12	s	IC TC74HC02P
ICJ15	8-759-000-99	s	IC MC74HC74N
ICJ16	8-759-202-32	s	IC TC74HC163P
ICJ17	8-759-000-99	s	IC MC74HC74N
ICJ18	8-759-000-99	s	IC MC74HC74N
ICJ19	8-759-202-12	s	IC TC74HC02P
ICJ20	8-759-202-11	s	IC TC74HC00P
ICJ21	8-759-776-11	s	IC MB7138HSK-TG28142
ICJ22	8-759-901-63	s	IC SN74LS163AN
ICJ23	8-759-900-02	s	IC SN74LS02N
ICJ24	8-759-900-08	s	IC SN74LS08N
ICJ25	8-759-902-40	s	IC SN74LS240N
ICJ26	8-759-990-82	s	IC TL082CP
ICJ30	8-752-304-30	s	IC CX23043
ICJ31	8-759-900-74	s	IC SN74LS74AN
ICJ32	8-759-926-31	s	IC AM26LS31PC
ICK1	8-759-202-27	s	IC TC74HC157P
ICK2	8-759-790-16	s	IC VP16V8E-TG28121
ICK3	8-752-304-30	s	IC CX23043
ICK4	8-759-901-63	s	IC SN74LS163AN
ICK5	8-759-790-16	s	IC VP16V8E-TG28121
ICK6	8-752-304-30	s	IC CX23043
ICK7	8-759-901-63	s	IC SN74LS163AN
ICK8	8-759-790-16	s	IC VP16V8E-TG28121
ICK9	8-752-304-30	s	IC CX23043
ICK10	8-759-901-63	s	IC SN74LS163AN
ICK11	8-759-790-16	s	IC VP16V8E-TG28121
ICK12	8-752-304-30	s	IC CX23043
ICK13	8-759-901-63	s	IC SN74LS163AN
ICK14	8-759-900-04	s	IC SN74LS04N
ICK15	8-759-202-74	s	IC TC74HC04P
ICK16	8-759-774-55	s	IC MB7118H-TG28131
ICK17	8-752-304-30	s	IC CX23043
ICK18	8-752-304-30	s	IC CX23043
ICK19	8-752-304-30	s	IC CX23043
ICK20	8-759-203-50	s	IC TC74HC574P
ICK22	8-759-000-99	s	IC MC74HC74N
ICK23	8-759-202-12	s	IC TC74HC02P
ICK24	8-759-202-14	s	IC TC74HC08P
ICK25	8-759-900-04	s	IC SN74LS04N
ICK26	8-759-900-00	s	IC SN74LS00N
ICK27	8-759-900-74	s	IC SN74LS74AN
ICK28	8-759-901-23	s	IC SN74LS123N
ICK29	8-759-000-99	s	IC MC74HC74N
ICK30	8-759-901-09	s	IC SN74ALS109AN
ICK31	8-759-000-99	s	IC MC74HC74N
ICK32	8-759-926-32	s	IC AM26LS32PC
L2	1-410-330-11	s	INDUCTOR, 22uH 10%
L4	1-421-370-00	s	COIL, CHOKE
L5	1-421-370-00	s	COIL, CHOKE
L6	1-410-330-11	s	INDUCTOR, 22uH 10%
L7	1-410-330-11	s	INDUCTOR, 22uH 10%
L8	1-410-330-11	s	INDUCTOR, 22uH 10%

(TG-28 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
L9	1-410-330-11	s	INDUCTOR, 22uH 10%
L10	1-410-330-11	s	INDUCTOR, 22uH 10%
L11	1-421-370-00	s	COIL, CHOKE
L12	1-421-370-00	s	COIL, CHOKE
L13	1-421-370-00	s	COIL, CHOKE
L14	1-421-370-00	s	COIL, CHOKE
L15	1-421-370-00	s	COIL, CHOKE
Q1	8-729-900-36	s	TRANSISTOR DTC124ES
Q2	8-729-307-58	s	TRANSISTOR 2SC1775A
Q3	8-729-307-58	s	TRANSISTOR 2SC1775A
Q4	8-729-105-72	s	TRANSISTER 2SK523-L1
Q79	7-621-759-65	s	+PSW, 2.6X8
Q80	7-621-759-65	s	+PSW, 2.6X8
R192	1-214-564-00	s	RES, METAL 2K 1% 1/8W
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB13	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB22	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB23	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB26	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB27	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB28	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RV1	1-230-845-11	s	RES, VAR, METAL 50K
RV2	1-230-840-11	s	RES, VAR, METAL 1K
RV3	1-230-840-11	s	RES, VAR, METAL 1K
RV4	1-230-840-11	s	RES, VAR, METAL 1K
RV5	1-230-840-11	s	RES, VAR, METAL 1K
S1	1-553-925-00	s	SWITCH, ROTARY
S2	1-553-925-00	s	SWITCH, ROTARY
S3	1-553-925-00	s	SWITCH, ROTARY
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
S6	1-570-623-11	s	SWITCH, DIP 4CKT
S7	1-554-397-21	s	SWITCH, TOGGLE
X1	1-567-644-11	s	CRYSTAL 14.31818000MHz
X2	1-567-646-11	s	CRYSTAL 14.18750000MHz
X3	1-527-828-00	s	CRYSTAL 12.000MHz
X4	1-567-807-11	s	CRYSTAL 27.00000000MHz
X5	1-567-808-11	s	CRYSTAL 19.67364000MHz
X6	1-464-757-11	o	CRYSTAL 12.288MHz
X7	1-567-807-11	s	CRYSTAL 27.00000000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

TG-28 BOARD, DVPC-1000

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-009-B	o	COMPLETE PCB, TG-28
(This assembly Includes the following parts.)			
2pcs	3-673-249-11	o	LEVER, PC BOARD
1pc	3-715-721-81	o	LABEL (2), SERIAL NUMBER
2pcs	7-621-775-10	s	SCREW +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
6pcs	7-628-253-40	s	SCREW +PS 2X10
1pc	7-628-254-00	s	SCREW +PSW 2.6X5
20pcs	7-628-254-10	s	+PSW, 2.6X6
2pcs	7-628-254-20	s	+PSW, 2.6X8
2pcs	7-682-647-09	s	SCREW, +PS 3X6
2pcs	7-684-023-04	s	N 3, TYPE 2
C10	1-131-367-00	s	CAP, TANT 22uF 20% 20V
C11	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C13	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C15	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C19	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C22	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C24	1-107-077-00	s	CAP, MICA 47pF 5% 50V
C25	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C29	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C39	1-130-487-00	s	CAP, MYLAR 0.022uF 5% 50V
C42	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C43	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C56	1-130-494-11	s	CAP, MYLAR 0.082uF 5% 50V
C58	1-130-499-00	s	CAP, MYLAR 0.22uF 5% 50V
C59	1-131-347-00	s	CAP, TANT 1.0uF 20% 35V
C60	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C64	1-162-761-11	s	CAP, CERAMIC 470pF 5% 50V
C66	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C100	1-162-761-11	s	CAP, CERAMIC 470pF 5% 50V
C105	1-162-761-11	s	CAP, CERAMIC 470pF 5% 50V
C109	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C111	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C112	1-131-347-00	s	CAP, TANT 1.0uF 20% 35V
C133	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C134	1-131-365-00	s	CAP, TANT 10uF 20% 20V
C137	1-131-351-00	s	CAP, TANT 4.7uF 10% 35V
C139	1-130-491-00	s	CAP, MYLAR 0.047uF 5% 50V
C141	1-131-347-00	s	CAP, TANT 1.0uF 20% 35V
C144	1-124-462-00	s	CAP, ELECT 10uF 20% 16V
C189	1-124-236-00	s	CAP, ELECT 47uF 20% 16V
C235	1-130-494-11	s	CAP, MYLAR 0.082uF 5% 50V
C236	1-130-494-11	s	CAP, MYLAR 0.082uF 5% 50V
C312	1-124-462-00	s	CAP, ELECT 10uF 20% 16V
C313	1-123-332-00	s	CAP, ELECT 47uF 20% 25V
C315	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C316	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
CN1	1-566-385-11	s	PIN, SHORT
CN101	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103	1-506-746-11	s	RECEP, DIN 48P, MALE
CP1	8-759-107-46	s	IC UPA64HA
CP2	8-759-107-45	s	IC UPA54HA
CP3	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP4	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP5	8-759-107-46	s	IC UPA64HA
CP6	8-759-107-45	s	IC UPA54HA
CP7	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP8	8-759-107-46	s	IC UPA64HA
CP9	8-759-107-45	s	IC UPA54HA
CP10	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP11	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP12	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP13	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP14	1-231-455-00	s	CR BLOCK, R=51,C=0.01
D1	8-719-800-60	s	DIODE TLR214
D2	8-719-400-35	s	DIODE LN35BP
D3	8-719-100-15	s	DIODE RD3.0E-B2
D5	8-719-815-55	s	DIODE 1S1555
D6	8-719-815-55	s	DIODE 1S1555

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(TG-28 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
IC1	8-759-108-05	s	IC uPC78L05A
IC2	8-759-105-40	s	IC UPC79M12H
IC3	8-759-170-12	s	IC UPC78M12H
ICA1	8-759-900-30	s	IC SN74LS30N
ICA3	8-759-103-88	s	IC UPD82C43CY
ICA4	8-759-103-88	s	IC UPD82C43CY
ICA5	8-759-103-88	s	IC UPD82C43CY
ICA6	8-759-103-88	s	IC UPD82C43CY
ICA8	8-759-103-88	s	IC UPD82C43CY
ICA13	8-757-903-00	s	IC CX7903
ICA15	8-757-732-00	s	IC CX773B
ICA16	8-759-900-86	s	IC SN74LS86N
ICA17	8-759-900-74	s	IC SN74LS74AN
ICA18	8-759-901-53	s	IC SN74LS153N
ICA20	8-759-000-99	s	IC MC74HC74N
ICA21	8-759-900-74	s	IC SN74LS74AN
ICA22	8-759-902-21	s	IC SN74LS221N
ICA23	8-759-900-14	s	IC SN74LS14N
ICA24	8-759-103-19	s	IC UPC319C
ICA25	8-741-104-00	s	IC BX1040
ICA26	8-749-936-51	s	IC BX365A
ICA27	8-741-122-90	s	IC BX1229
ICB1	8-759-902-21	s	IC SN74LS221N
ICB3	8-759-203-50	s	IC TC74HC574P
ICB4	8-759-203-50	s	IC TC74HC574P
ICB5	8-759-203-50	s	IC TC74HC574P
ICB6	8-759-203-50	s	IC TC74HC574P
ICB7	8-759-203-50	s	IC TC74HC574P
ICB8	8-759-203-50	s	IC TC74HC574P
ICB9	8-759-203-50	s	IC TC74HC574P
ICB10	8-759-901-25	s	IC SN74LS125AN
ICB11	8-759-902-21	s	IC SN74LS221N
ICB13	8-759-901-23	s	IC SN74LS123N
ICB14	8-759-900-14	s	IC SN74LS14N
ICB15	8-759-900-00	s	IC SN74LS00N
ICB16	8-759-902-21	s	IC SN74LS221N
ICB17	8-759-782-12	s	IC MB7138HSK-TG28191
ICB18	8-759-937-27	s	IC CXB1001G
ICB21	8-759-904-87	s	IC 74F374PC
ICB22	8-759-300-25	s	IC HD10125
ICB24	8-759-300-25	s	IC HD10125
ICB28	8-759-300-25	s	IC HD10125
ICB31	8-759-301-24	s	IC HD10124
ICC2	8-759-912-48	s	IC SN74ALS874NT
ICC3	8-759-794-22	s	IC PAL16L8B-TG28041
ICC4	8-759-202-21	s	IC TC74HC32P
ICC5	8-759-202-32	s	IC TC74HC163P
ICC6	8-759-203-50	s	IC TC74HC574P
ICC7	8-752-304-30	s	IC CX23043
ICC8	8-752-304-30	s	IC CX23043
ICC9	8-752-304-30	s	IC CX23043
ICC10	8-759-202-26	s	IC TC74HC138P
ICC11	8-759-202-12	s	IC TC74HC02P
ICC12	8-759-900-74	s	IC SN74LS74AN
ICC13	8-759-900-74	s	IC SN74LS74AN
ICC14	8-759-901-63	s	IC SN74LS163AN
ICC15	8-759-900-74	s	IC SN74LS74AN
ICC16	8-759-900-86	s	IC SN74LS86N
ICC17	8-759-900-14	s	IC SN74LS14N
ICC18	8-759-900-00	s	IC SN74LS00N
ICC19	8-759-901-23	s	IC SN74LS123N
ICC20	8-759-900-74	s	IC SN74LS74AN
ICC21	8-759-900-14	s	IC SN74LS14N
ICC22	8-759-900-00	s	IC SN74LS00N
ICC23	8-759-900-04	s	IC SN74LS04N
ICC24	8-752-304-30	s	IC CX23043
ICC25	8-759-918-71	s	IC CX23065
ICC28	8-759-900-04	s	IC SN74LS04N
ICC29	8-759-904-80	s	IC 74F04PC

(TG-28 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICC30	8-759-904-77	s	IC AM26LS32AC
ICC31	8-759-904-76	s	IC AM26LS31CN
ICD3	8-759-000-99	s	IC MC74HC74N
ICD4	8-759-794-23	s	IC PAL16L8B-TG28051
ICD5	8-759-794-23	s	IC PAL16L8B-TG28051
ICD6	8-759-202-12	s	IC TC74HC02P
ICD7	8-759-900-04	s	IC SN74LS04N
ICD8	8-759-203-01	s	IC TC74HC175P
ICD9	8-759-203-01	s	IC TC74HC175P
ICD10	8-759-202-11	s	IC TC74HC00P
ICD11	8-759-000-99	s	IC MC74HC74N
ICD12	8-759-000-99	s	IC MC74HC74N
ICD13	8-759-900-74	s	IC SN74LS74AN
ICD14	8-759-900-02	s	IC SN74LS02N
ICD15	8-759-900-04	s	IC SN74LS04N
ICD16	8-752-304-30	s	IC CX23043
ICD17	8-752-304-30	s	IC CX23043
ICD18	8-759-900-86	s	IC SN74LS86N
ICD20	8-759-906-66	s	IC 74F86PC
ICD21	8-759-915-93	s	IC 74F163APC
ICD22	8-759-904-84	s	IC 74F74PC
ICD23	8-759-918-71	s	IC CX23065
ICD27	8-759-906-86	s	IC AM686HC
ICD28	8-759-904-80	s	IC 74F04PC
ICD29	8-759-900-74	s	IC SN74LS74AN
ICD30	8-759-902-40	s	IC SN74LS240N
ICD31	8-759-902-40	s	IC SN74LS240N
ICE2	8-759-900-04	s	IC SN74LS04N
ICE3	8-759-900-08	s	IC SN74LS08N
ICE4	8-759-900-04	s	IC SN74LS04N
ICE5	8-759-202-12	s	IC TC74HC02P
ICE6	8-759-202-74	s	IC TC74HC04P
ICE7	8-759-203-43	s	IC TC74HC534P
ICE8	8-759-202-11	s	IC TC74HC00P
ICE9	8-759-000-99	s	IC MC74HC74N
ICE10	8-759-774-55	s	IC MB7118H-TG28131
ICE11	8-752-304-30	s	IC CX23043
ICE12	8-759-774-36	s	IC MB7232RA-TG28061
ICE13	8-759-202-32	s	IC TC74HC163P
ICE14	8-759-000-99	s	IC MC74HC74N
ICE15	8-759-000-99	s	IC MC74HC74N
ICE16	8-752-304-30	s	IC CX23043
ICE17	8-759-786-44	s	IC MBM27C256A-TG28081
ICE19	8-759-202-32	s	IC TC74HC163P
ICE20	8-752-304-30	s	IC CX23043
ICE21	8-759-776-11	s	IC MB7138HSK-TG28142
ICE22	8-759-900-08	s	IC SN74LS08N
ICE23	8-759-000-99	s	IC MC74HC74N
ICE24	8-759-000-99	s	IC MC74HC74N
ICE25	8-759-000-99	s	IC MC74HC74N
ICE27	8-759-783-36	s	IC MBL8742H-TG280712
ICE30	8-759-902-40	s	IC SN74LS240N
ICE31	8-759-203-54	s	IC TC74HC640P
ICF13	8-759-000-99	s	IC MC74HC74N
ICF14	8-759-202-14	s	IC TC74HC08P
ICF15	8-759-900-04	s	IC SN74LS04N
ICF20	8-759-202-84	s	IC TC74HC109P
ICF21	8-759-203-50	s	IC TC74HC574P
ICF22	8-759-794-13	s	IC PAL16R6B-TG28211
ICF23	8-752-304-30	s	IC CX23043
ICF24	8-752-304-30	s	IC CX23043
ICF25	8-759-202-11	s	IC TC74HC00P
ICF26	8-759-202-33	s	IC TC74HC240P
ICF30	8-759-203-61	s	IC TC74HC688P
ICF31	8-759-202-33	s	IC TC74HC240P
ICG2	8-759-202-12	s	IC TC74HC02P
ICG3	8-759-202-74	s	IC TC74HC04P
ICG4	8-759-203-36	s	IC TC74HC374P
ICG5	8-759-203-36	s	IC TC74HC374P
ICG7	8-759-202-32	s	IC TC74HC163P

(TG-28 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICG8	8-759-902-40	s	IC SN74LS240N
ICG9	8-759-902-40	s	IC SN74LS240N
ICG10	8-759-202-32	s	IC TC74HC163P
ICG11	8-759-202-32	s	IC TC74HC163P
ICG12	8-759-202-12	s	IC TC74HC02P
ICG13	8-759-202-32	s	IC TC74HC163P
ICG14	8-759-202-32	s	IC TC74HC163P
ICG15	8-759-202-14	s	IC TC74HC08P
ICG16	8-759-202-11	s	IC TC74HC00P
ICG17	8-759-000-99	s	IC MC74HC74N
ICG18	8-759-203-50	s	IC TC74HC574P
ICH2	8-759-203-50	s	IC TC74HC574P
ICH3	8-759-793-86	s	IC PAL16L8B-TG28091
ICH4	8-759-203-50	s	IC TC74HC574P
ICH5	8-759-203-50	s	IC TC74HC574P
ICH6	8-759-793-86	s	IC PAL16L8B-TG28091
ICH7	8-759-203-50	s	IC TC74HC574P
ICH8	8-759-203-50	s	IC TC74HC574P
ICH9	8-759-793-86	s	IC PAL16L8B-TG28091
ICH10	8-759-203-50	s	IC TC74HC574P
ICH11	8-759-203-50	s	IC TC74HC574P
ICH12	8-759-793-86	s	IC PAL16L8B-TG28091
ICH13	8-759-203-50	s	IC TC74HC574P
ICH14	8-759-004-80	s	IC MC74HCT374N
ICH15	8-759-004-80	s	IC MC74HCT374N
ICH16	8-759-202-92	s	IC TC74HC151P
ICH17	8-759-203-36	s	IC TC74HC374P
ICH18	8-759-203-36	s	IC TC74HC374P
ICH19	8-759-202-93	s	IC TC74HC153P
ICH21	8-759-202-14	s	IC TC74HC08P
ICH22	8-759-902-21	s	IC SN74LS221N
ICH23	8-759-001-39	s	IC MC74HC164N
ICH24	8-759-202-74	s	IC TC74HC04P
ICH25	8-759-203-43	s	IC TC74HC534P
ICH26	8-759-004-63	s	IC MC74HC125N
ICH27	8-759-202-32	s	IC TC74HC163P
ICH28	8-759-202-74	s	IC TC74HC04P
ICH29	8-759-904-84	s	IC 74F74PC
ICH31	8-759-900-04	s	IC SN74LS04N
ICJ20	8-759-203-01	s	IC TC74HC175P
ICJ22	8-759-202-74	s	IC TC74HC04P
ICJ23	8-759-000-99	s	IC MC74HC74N
ICJ24	8-759-000-99	s	IC MC74HC74N
ICJ25	8-759-202-27	s	IC TC74HC157P
ICJ26	8-759-000-99	s	IC MC74HC74N
ICJ27	8-759-202-32	s	IC TC74HC163P
ICJ28	8-759-202-32	s	IC TC74HC163P
ICJ29	8-759-202-32	s	IC TC74HC163P
ICJ30	8-759-902-21	s	IC SN74LS221N
ICJ31	8-759-900-04	s	IC SN74LS04N
ICK2	8-759-786-46	s	IC MBM27C256A-TG28111
ICK3	8-759-786-45	s	IC MBM27C256A-TG28101
ICK5	8-759-786-46	s	IC MBM27C256A-TG28111
ICK6	8-759-786-45	s	IC MBM27C256A-TG28101
ICK8	8-759-786-46	s	IC MBM27C256-TG28111
ICK9	8-759-786-45	s	IC MBM27C256A-TG28101
ICK11	8-759-786-46	s	IC MBM27C256A-TG28111
ICK12	8-759-786-45	s	IC MBM27C256A-TG28101
ICK14	8-759-782-11	s	IC MB7138HSK-TG28161
ICK15	8-759-782-13	s	IC MB7138HSK-TG28201
ICK16	8-759-781-68	s	IC MB7232RA-TG28171
ICK17	8-759-781-70	s	IC MBM27C32A-TG28181
ICK19	8-759-912-48	s	IC SN74ALS874NT
ICK20	8-759-902-40	s	IC SN74LS240N
ICK22	8-759-202-27	s	IC TC74HC157P
ICK23	8-759-202-32	s	IC TC74HC163P
ICK24	8-759-202-32	s	IC TC74HC163P
ICK25	8-759-202-32	s	IC TC74HC163P
ICK26	8-759-202-12	s	IC TC74HC02P
ICK27	8-759-203-43	s	IC TC74HC534P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(TG-28 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICK28	8-759-202-11	s	IC TC74HC00P
ICK29	8-759-202-21	s	IC TC74HC32P
ICK30	8-759-202-93	s	IC TC74HC153P
ICK31	8-759-904-76	s	IC AM26LS31CN
ICL2	8-759-793-87	s	IC PAL16R6B-TG28121
ICL3	8-752-304-30	s	IC CX23043
ICL4	8-759-202-32	s	IC TC74HC163P
ICL5	8-759-793-87	s	IC PAL16R6B-TG28121
ICL6	8-752-304-30	s	IC CX23043
ICL7	8-759-202-32	s	IC TC74HC163P
ICL8	8-759-793-87	s	IC PAL16R6B-TG28121
ICL9	8-752-304-30	s	IC CX23043
ICL10	8-759-202-32	s	IC TC74HC163P
ICL11	8-759-793-87	s	IC PAL16R6B-TG28121
ICL12	8-752-304-30	s	IC CX23043
ICL13	8-759-202-32	s	IC TC74HC163P
ICL14	8-752-304-30	s	IC CX23043
ICL15	8-752-304-30	s	IC CX23043
ICL16	8-752-304-30	s	IC CX23043
ICL17	8-752-304-30	s	IC CX23043
ICL17	8-752-304-30	s	IC CX23043
ICL18	8-759-202-32	s	IC TC74HC163P
ICL19	8-759-913-63	s	IC SN74ALS374N
ICL20	8-759-913-63	s	IC SN74ALS374N
ICL22	8-759-202-27	s	IC TC74HC157P
ICL23	8-759-202-32	s	IC TC74HC163P
ICL24	8-759-001-39	s	IC MC74HC164N
ICL25	8-759-001-39	s	IC MC74HC164N
ICL26	8-759-202-32	s	IC TC74HC163P
ICL27	8-759-001-39	s	IC MC74HC164N
ICL28	8-759-001-39	s	IC MC74HC164N
ICL29	8-759-000-99	s	IC MC74HC74N
ICL30	8-759-202-74	s	IC TC74HC04P
ICL31	8-759-904-77	s	IC AM26LS32AC
L1	1-410-509-11	s	INDUCTOR 10uH 5%
L3	1-410-513-11	s	INDUCTOR 22uH 5%
L4	1-410-513-11	s	INDUCTOR 22uH 5%
L5	1-410-509-11	s	INDUCTOR 10uH 5%
L6	1-410-509-11	s	INDUCTOR 10uH 5%
L7	1-410-509-11	s	INDUCTOR 10uH 5%
L8	1-410-509-11	s	INDUCTOR 10uH 5%
L9	1-410-509-11	s	INDUCTOR 10uH 5%
L10	1-410-501-11	s	INDUCTOR 2.2uH 5%
L11	1-410-513-11	s	INDUCTOR 22uH 5%
L12	1-421-370-00	s	COIL, CHOKE
L13	1-421-370-00	s	COIL, CHOKE
L14	1-421-370-00	s	COIL, CHOKE
L15	1-421-370-00	s	COIL, CHOKE
L16	1-421-370-00	s	COIL, CHOKE
L17	1-421-370-00	s	COIL, CHOKE
L18	1-421-370-00	s	COIL, CHOKE
L19	1-408-397-00	s	INDUCTOR 1.00uH 5%
L20	1-408-397-00	s	INDUCTOR 1.00uH 5%
L21	1-408-397-00	s	INDUCTOR 1.00uH 5%
L22	1-408-397-00	s	INDUCTOR 1.00uH 5%
L23	1-408-397-00	s	INDUCTOR 1.00uH 5%
L24	1-408-397-00	s	INDUCTOR 1.00uH 5%
L25	1-408-397-00	s	INDUCTOR 1.00uH 5%
L26	1-408-397-00	s	INDUCTOR 1.00uH 5%
L27	1-408-397-00	s	INDUCTOR 1.00uH 5%
L28	1-408-397-00	s	INDUCTOR 1.00uH 5%
L29	1-408-397-00	s	INDUCTOR 1.00uH 5%
L30	1-408-397-00	s	INDUCTOR 1.00uH 5%
L31	1-408-397-00	s	INDUCTOR 1.00uH 5%
L32	1-408-397-00	s	INDUCTOR 1.00uH 5%
L33	1-408-397-00	s	INDUCTOR 1.00uH 5%
L34	1-408-397-00	s	INDUCTOR 1.00uH 5%
L35	1-408-397-00	s	INDUCTOR 1.00uH 5%
L36	1-408-397-00	s	INDUCTOR 1.00uH 5%
Q1	8-729-900-63	s	TRANSISTOR DTA124ES

(TG-28 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
Q2	8-729-900-63	s	TRANSISTOR DTA124ES
Q4	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q5	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q6	8-729-900-36	s	TRANSISTOR DTC124ES
R46	1-214-509-00	s	RES, METAL 10 1% 1/8W
R47	1-214-509-00	s	RES, METAL 10 1% 1/8W
R48	1-214-509-00	s	RES, METAL 10 1% 1/8W
R49	1-214-509-00	s	RES, METAL 10 1% 1/8W
R50	1-214-509-00	s	RES, METAL 10 1% 1/8W
R51	1-214-509-00	s	RES, METAL 10 1% 1/8W
R52	1-214-509-00	s	RES, METAL 10 1% 1/8W
R53	1-214-509-00	s	RES, METAL 10 1% 1/8W
R54	1-214-509-00	s	RES, METAL 10 1% 1/8W
R55	1-214-509-00	s	RES, METAL 10 1% 1/8W
R56	1-214-509-00	s	RES, METAL 10 1% 1/8W
R57	1-214-509-00	s	RES, METAL 10 1% 1/8W
R58	1-214-509-00	s	RES, METAL 10 1% 1/8W
R59	1-214-509-00	s	RES, METAL 10 1% 1/8W
R60	1-214-509-00	s	RES, METAL 10 1% 1/8W
R61	1-214-509-00	s	RES, METAL 10 1% 1/8W
R62	1-214-509-00	s	RES, METAL 10 1% 1/8W
R63	1-214-509-00	s	RES, METAL 10 1% 1/8W
R113	1-214-527-00	s	RES, METAL 56 1% 1/8W
R114	1-214-527-00	s	RES, METAL 56 1% 1/8W
R115	1-214-527-00	s	RES, METAL 56 1% 1/8W
R116	1-214-527-00	s	RES, METAL 56 1% 1/8W
R117	1-214-527-00	s	RES, METAL 56 1% 1/8W
R118	1-214-527-00	s	RES, METAL 56 1% 1/8W
R119	1-214-527-00	s	RES, METAL 56 1% 1/8W
R120	1-214-527-00	s	RES, METAL 56 1% 1/8W
R121	1-214-527-00	s	RES, METAL 56 1% 1/8W
R122	1-214-527-00	s	RES, METAL 56 1% 1/8W
R123	1-214-527-00	s	RES, METAL 56 1% 1/8W
R124	1-214-527-00	s	RES, METAL 56 1% 1/8W
R125	1-214-527-00	s	RES, METAL 56 1% 1/8W
R126	1-214-527-00	s	RES, METAL 56 1% 1/8W
R127	1-214-527-00	s	RES, METAL 56 1% 1/8W
R128	1-214-527-00	s	RES, METAL 56 1% 1/8W
R129	1-214-527-00	s	RES, METAL 56 1% 1/8W
R130	1-214-527-00	s	RES, METAL 56 1% 1/8W
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB8	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RV1	1-237-520-21	s	RES, VAR, METAL 50K
S1	1-553-925-00	s	SWITCH, ROTARY
S2	1-553-925-00	s	SWITCH, ROTARY
S3	1-553-925-00	s	SWITCH, ROTARY
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
S6	1-570-623-11	s	SWITCH, DIP 4CKT
S7	1-554-397-21	s	SWITCH, TOGGLE
X1	1-567-644-11	s	CRYSTAL 14.31818000MHz
X2	1-567-646-11	s	CRYSTAL 14.18750000MHz
X3	1-464-757-11	s	CRYSTAL 12.288MHz
X4	1-567-979-11	s	CRYSTAL 27.00000000MHz
X5	1-527-828-00	s	CRYSTAL 12.000MHz
X6	1-567-808-11	s	CRYSTAL 19.67364000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

TX-21 BOARD, DVPC-1000

Ref. No or Qty	Part No.	SP	Description
1pc	A-6026-077-A	o	MOUNTED PCB, TX-12
(This assembly includes the following parts.)			
CN51M	1-564-943-11	o	RECEP, 12P, MALE
CN52M	1-564-943-11	o	RECEP, 12P, MALE
CN53M	1-564-943-11	o	RECEP, 12P, MALE
CN54M	1-564-943-11	o	RECEP, 12P, MALE
CN55M	1-564-943-11	o	RECEP, 12P, MALE
CN56M	1-564-943-11	o	RECEP, 12P, MALE
CN57M	1-560-303-00	o	RECEP, IL 6P, MALE
CN58M	1-560-303-00	o	RECEP, IL 6P, MALE
CN59M	1-560-300-00	o	RECEP, IL 3P, MALE
CN60M	1-560-301-00	o	RECEP, IL 4P, MALE
CN61M	1-560-300-00	o	RECEP, IL 3P, MALE
CN62M	1-560-300-00	o	RECEP, IL 3P, MALE
CN63M	1-560-726-00	o	RECEP, 20P, MALE
CN64M	1-560-300-00	o	RECEP, IL 3P, MALE

VA-45 BOARD, DVPC-1000

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-002-A	o	COMPLETE PCB, VA-45
(This assembly includes the following parts.)			
1pc	3-715-721-11	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
3pcs	4-875-726-00	s	SHEET, INSULATING
5pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
31pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C135	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C136	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C149	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C150	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C235	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C236	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C249	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C250	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C335	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C336	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C349	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C350	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C402	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C403	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C408	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C410	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C415	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C416	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C502	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C503	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C508	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C510	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C515	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C516	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C602	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C603	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C608	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C610	1-131-381-00	s	CAP, TANT 47uF 10% 10V
C615	1-130-471-00	s	CAP, MYLAR 0.001uF 5% 50V
C616	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C801	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C802	1-109-807-00	s	CAP, MICA 100PF 1% 100V
C803	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C804	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C831	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C832	1-109-807-00	s	CAP, MICA 100PF 1% 100V
C833	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C834	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C862	1-109-807-00	s	CAP, MICA 100PF 1% 100V
C864	1-130-483-00	s	CAP, MYLAR0.01uF 5% 50V
CN5	1-566-385-11	s	PIN, CONNECTOR 2P
CN6	1-566-385-11	s	PIN, CONNECTOR 2P
CN7	1-566-385-11	s	PIN, CONNECTOR 2P
CN8	1-566-385-11	s	PIN, CONNECTOR 2P
CN9	1-566-385-11	s	PIN, CONNECTOR 2P
CN10	1-566-385-11	s	PIN, CONNECTOR 2P
CN11	1-566-385-11	s	PIN, CONNECTOR 2P
CN12	1-566-385-11	s	PIN, CONNECTOR 2P
CN13	1-566-385-11	s	PIN, CONNECTOR 2P
CN14	1-566-385-11	s	PIN, CONNECTOR 2P
CN15	1-566-385-11	s	PIN, CONNECTOR 2P
CN16	1-566-385-11	s	PIN, CONNECTOR 2P
CN17	1-566-385-11	s	PIN, CONNECTOR 2P
CN18	1-566-385-11	s	PIN, CONNECTOR 2P
CN19	1-566-385-11	s	PIN, CONNECTOR 2P
CN20	1-566-385-11	s	PIN, CONNECTOR 2P
CN21	1-566-385-11	s	PIN, CONNECTOR 2P
CN22	1-566-385-11	s	PIN, CONNECTOR 2P
CN23	1-566-385-11	s	PIN, CONNECTOR 2P
CN24	1-566-385-11	s	PIN, CONNECTOR 2P
CN25	1-566-385-11	s	PIN, CONNECTOR 2P
CN26	1-566-385-11	s	PIN, CONNECTOR 2P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VA-45 BOARD, DVPC-1000)

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
CN27	1-566-385-11	s	PIN, CONNECTOR 2P
CN28	1-566-385-11	s	PIN, CONNECTOR 2P
CN29	1-566-385-11	s	PIN, CONNECTOR 2P
CN30	1-566-385-11	s	PIN, CONNECTOR 2P
CN31	1-566-385-11	s	PIN, CONNECTOR 2P
CN32	1-566-385-11	s	PIN, CONNECTOR 2P
CN33	1-566-385-11	s	PIN, CONNECTOR 2P
CN34	1-566-385-11	s	PIN, CONNECTOR 2P
CN35	1-566-385-11	s	PIN, CONNECTOR 2P
CN36	1-566-385-11	s	PIN, CONNECTOR 2P
CN37	1-566-385-11	s	PIN, CONNECTOR 2P
CN38	1-566-385-11	s	PIN, CONNECTOR 2P
CN39	1-566-385-11	s	PIN, CONNECTOR 2P
CN40	1-566-385-11	s	PIN, CONNECTOR 2P
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN601	1-560-733-00	s	PIN, SHORT
CN602	1-560-733-00	s	PIN, SHORT
CP1	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP2	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP3	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP4	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP5	1-231-455-00	s	CR BLOCK, R=51,C=0.01
D1	8-719-815-55	s	DIODE 1S1555
D2	8-719-815-55	s	DIODE 1S1555
D102	8-719-815-55	s	DIODE 1S1555
D104	8-719-102-51	s	DIODE 1SZ51
D202	8-719-815-55	s	DIODE 1S1555
D204	8-719-102-51	s	DIODE 1SZ51
D301	8-719-100-13	s	DIODE RD2.7E-B2
D302	8-719-400-35	s	DIODE LN35BP
D303	8-719-100-13	s	DIODE RD2.7E-B2
D304	8-719-102-51	s	DIODE 1SZ51
D401	8-719-102-51	s	DIODE 1SZ51
D501	8-719-102-51	s	DIODE 1SZ51
D601	8-719-102-51	s	DIODE 1SZ51
D707	8-719-815-55	s	DIODE 1S1555
D801	8-719-911-19	s	DIODE 1SS119
D802	8-719-911-19	s	DIODE 1SS119
D803	8-719-100-21	s	DIODE RD3.9E-B2
D804	8-719-102-51	s	DIODE 1SZ51
D831	8-719-911-19	s	DIODE 1SS119
D832	8-719-911-19	s	DIODE 1SS119
D833	8-719-100-21	s	DIODE RD3.9E-B2
D834	8-719-102-51	s	DIODE 1SZ51
D861	8-719-911-19	s	DIODE 1SS119
D862	8-719-911-19	s	DIODE 1SS119
D863	8-719-100-21	s	DIODE RD3.9E-B2
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F801	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F802	⚠ 1-576-031-11	s	FUSE, MICRO 10A
FB101	1-535-178-00	s	FERRITE BEAD
FB102	1-535-178-00	s	FERRITE BEAD
FB103	1-535-178-00	s	FERRITE BEAD
FB104	1-535-178-00	s	FERRITE BEAD
FB105	1-535-178-00	s	FERRITE BEAD
FB106	1-535-178-00	s	FERRITE BEAD
FB107	1-535-178-00	s	FERRITE BEAD
FB108	1-535-178-00	s	FERRITE BEAD
FB109	1-535-178-00	s	FERRITE BEAD
FB110	1-535-178-00	s	FERRITE BEAD
FB111	1-535-178-00	s	FERRITE BEAD
FB201	1-535-178-00	s	FERRITE BEAD
FB202	1-535-178-00	s	FERRITE BEAD
FB203	1-535-178-00	s	FERRITE BEAD
FB204	1-535-178-00	s	FERRITE BEAD
FB205	1-535-178-00	s	FERRITE BEAD
FB206	1-535-178-00	s	FERRITE BEAD
FB207	1-535-178-00	s	FERRITE BEAD
FB208	1-535-178-00	s	FERRITE BEAD
FB209	1-535-178-00	s	FERRITE BEAD
FB210	1-535-178-00	s	FERRITE BEAD

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VA-45 BOARD, DVPC-1000)

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
FB211	1-535-178-00	s	FERRITE BEAD
FB301	1-535-178-00	s	FERRITE BEAD
FB302	1-535-178-00	s	FERRITE BEAD
FB303	1-535-178-00	s	FERRITE BEAD
FB304	1-535-178-00	s	FERRITE BEAD
FB305	1-535-178-00	s	FERRITE BEAD
FB306	1-535-178-00	s	FERRITE BEAD
FB307	1-535-178-00	s	FERRITE BEAD
FB308	1-535-178-00	s	FERRITE BEAD
FB309	1-535-178-00	s	FERRITE BEAD
FB310	1-535-178-00	s	FERRITE BEAD
FB311	1-535-178-00	s	FERRITE BEAD
FB312	1-535-178-00	s	FERRITE BEAD
FB313	1-535-178-00	s	FERRITE BEAD
FB401	1-535-178-00	s	FERRITE BEAD
FB402	1-535-178-00	s	FERRITE BEAD
FB403	1-535-178-00	s	FERRITE BEAD
FB404	1-535-178-00	s	FERRITE BEAD
FB405	1-535-178-00	s	FERRITE BEAD
FB406	1-535-178-00	s	FERRITE BEAD
FB409	1-535-178-00	s	FERRITE BEAD
FB410	1-535-178-00	s	FERRITE BEAD
FB501	1-535-178-00	s	FERRITE BEAD
FB502	1-535-178-00	s	FERRITE BEAD
FB503	1-535-178-00	s	FERRITE BEAD
FB504	1-535-178-00	s	FERRITE BEAD
FB505	1-535-178-00	s	FERRITE BEAD
FB506	1-535-178-00	s	FERRITE BEAD
FB509	1-535-178-00	s	FERRITE BEAD
FB510	1-535-178-00	s	FERRITE BEAD
FB601	1-535-178-00	s	FERRITE BEAD
FB602	1-535-178-00	s	FERRITE BEAD
FB603	1-535-178-00	s	FERRITE BEAD
FB604	1-535-178-00	s	FERRITE BEAD
FB605	1-535-178-00	s	FERRITE BEAD
FB606	1-535-178-00	s	FERRITE BEAD
FB607	1-535-178-00	s	FERRITE BEAD
FB608	1-535-178-00	s	FERRITE BEAD
FB609	1-535-178-00	s	FERRITE BEAD
FB610	1-535-178-00	s	FERRITE BEAD
FB701	1-535-178-00	s	FERRITE BEAD
FB702	1-535-178-00	s	FERRITE BEAD
FB703	1-535-178-00	s	FERRITE BEAD
FB704	1-535-178-00	s	FERRITE BEAD
IC101	8-749-936-61	s	IC BX366A
IC102	8-759-015-95	s	IC MC1595L
IC103	8-749-936-51	s	IC BX365A
IC104	8-749-936-51	s	IC BX365A
IC106	8-741-130-60	s	IC BX1306
IC107	8-749-936-61	s	IC BX366A
IC108	8-741-130-60	s	IC BX1306
IC109	8-749-936-51	s	IC BX365A
IC110	8-749-936-61	s	IC BX366A
IC111	8-741-124-40	s	IC BX1244
IC112	8-759-981-00	s	IC TL081CP
IC113	8-752-030-40	s	IC CXA1016P
IC201	8-749-936-61	s	IC BX366A
IC202	8-759-015-95	s	IC MC1595L
IC203	8-749-936-51	s	IC BX365A
IC204	8-749-936-51	s	IC BX365A
IC206	8-741-130-60	s	IC BX1306
IC207	8-749-936-61	s	IC BX366A
IC208	8-741-130-60	s	IC BX1306
IC209	8-749-936-51	s	IC BX365A
IC210	8-749-936-61	s	IC BX366A
IC211	8-741-124-40	s	IC BX1244
IC212	8-759-981-00	s	IC TL081CP
IC213	8-752-030-40	s	IC CXA1016P
IC301	8-749-936-61	s	IC BX366A
IC302	8-759-015-95	s	IC MC1595L

(VA-45 BOARD, DVPC-1000)

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
IC303	8-749-936-51	s	IC BX365A
IC304	8-749-936-51	s	IC BX365A
IC305	8-749-936-51	s	IC BX365A
IC306	8-741-130-60	s	IC BX1306
IC307	8-749-936-61	s	IC BX366A
IC308	8-741-130-60	s	IC BX1306
IC309	8-749-936-51	s	IC BX365A
IC310	8-749-936-61	s	IC BX366A
IC311	8-741-124-40	s	IC BX1244
IC312	8-759-981-00	s	IC TL081CP
IC313	8-752-030-40	s	IC CXA1016P
IC314	8-759-981-00	s	IC TL081CP
IC401	8-759-981-00	s	IC TL081CP
IC402	8-749-936-51	s	IC BX365A
IC403	8-741-124-40	s	IC BX1244
IC404	8-749-936-51	s	IC BX365A
IC405	8-749-936-61	s	IC BX366A
IC406	8-749-936-61	s	IC BX366A
IC409	8-752-020-20	s	IC CX20202
IC501	8-759-981-00	s	IC TL081CP
IC502	8-749-936-51	s	IC BX365A
IC503	8-741-124-40	s	IC BX1244
IC504	8-749-936-51	s	IC BX365A
IC505	8-749-936-61	s	IC BX366A
IC506	8-749-936-61	s	IC BX366A
IC509	8-752-020-20	s	IC CX20202
IC601	8-759-981-00	s	IC TL081CP
IC602	8-749-936-51	s	IC BX365A
IC603	8-741-124-40	s	IC BX1244
IC604	8-749-936-51	s	IC BX365A
IC605	8-749-936-61	s	IC BX366A
IC606	8-749-936-61	s	IC BX366A
IC607	8-741-130-60	s	IC BX1306
IC608	8-741-130-60	s	IC BX1306
IC609	8-752-020-20	s	IC CX20202
IC610	8-749-936-61	s	IC BX366A
IC701	8-759-981-00	s	IC TL081CP
IC801	8-759-135-80	s	IC uPC358C
IC802	8-759-990-84	s	IC TL084CN
IC901	8-759-918-33	s	IC CX20160
ICA2	8-759-300-25	s	IC HD10125
ICA3	8-759-300-25	s	IC HD10125
ICA10	8-759-004-80	s	IC MC74HCT374N
ICA11	8-759-777-71	s	IC MB7138HSK-VA45053
ICA12	8-759-901-74	s	IC SN74LS174N
ICA13	8-759-900-00	s	IC SN74LS00N
ICA14	8-759-301-24	s	IC HD10124
ICB2	8-759-300-25	s	IC HD10125
ICB3	8-759-300-25	s	IC HD10125
ICB4	8-759-900-86	s	IC SN74LS86N
ICB5	8-759-904-87	s	IC 74F374PC
ICB6	8-759-918-33	s	IC CX20160
ICB7	8-759-904-09	s	IC SN74LS688N
ICB8	8-759-904-87	s	IC 74F374PC
ICB9	8-759-774-80	s	IC MB7138HSK-VA45011
ICB10	8-759-004-80	s	IC MC74HCT374N
ICB12	8-759-900-04	s	IC SN74LS04N
ICB13	8-759-900-08	s	IC SN74LS08N
ICB14	8-759-301-24	s	IC HD10124
ICC1	8-759-301-24	s	IC HD10124
ICC2	8-759-300-25	s	IC HD10125
ICC3	8-759-300-25	s	IC HD10125
ICC4	8-759-301-24	s	IC HD10124
ICC5	8-759-904-87	s	IC 74F374PC
ICC6	8-759-918-33	s	IC CX20160
ICC7	8-759-904-09	s	IC SN74LS688N
ICC8	8-759-904-87	s	IC 74F374PC
ICC9	8-759-774-81	s	IC MB7138HSK-VA45021
ICC10	8-759-918-33	s	IC CX20160
ICC12	8-759-937-27	s	IC CXB1001G

(VA-45 BOARD, DVPC-1000)

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICC14	8-759-301-24	s	IC HD10124
ICD1	8-759-301-24	s	IC HD10124
ICD3	8-759-902-40	s	IC SN74LS240N
ICD4	8-759-904-87	s	IC 74F374PC
ICD5	8-759-918-33	s	IC CX20160
ICD6	8-759-918-33	s	IC CX20160
ICD7	8-759-774-91	s	IC MB7124H-VA45041
ICD8	8-759-904-87	s	IC 74F374PC
ICD9	8-759-780-97	s	IC MB7138HSK-VA45032
ICD10	8-752-304-30	s	IC CX23043
ICD11	8-759-915-93	s	IC 74F163APC
ICD12	8-759-904-79	s	IC 74F00PC
ICD13	8-759-300-25	s	IC HD10125
ICD14	8-759-904-87	s	IC 74F374PC
ICE1	8-759-301-24	s	IC HD10124
ICE2	8-759-202-74	s	IC TC74HC04P
ICE3	8-759-903-74	s	IC SN74LS374N
ICE4	8-759-903-74	s	IC SN74LS374N
ICE5	8-759-774-04	s	IC MB7132HSK-VA45061
ICE6	8-759-918-33	s	IC CX20160
ICE7	8-759-783-57	s	IC MB7138HSK-VA45084
ICE8	8-759-903-74	s	IC SN74LS374N
ICE9	8-759-901-74	s	IC SN74LS174N
ICE10	8-759-202-25	s	IC TC74HC133P
ICE11	8-759-904-80	s	IC 74F04PC
ICE12	8-759-904-80	s	IC 74F04PC
ICE13	8-759-300-25	s	IC HD10125
ICF1	8-759-301-24	s	IC HD10124
ICF2	8-759-902-44	s	IC SN74LS244N
ICF12	8-759-904-87	s	IC 74F374PC
ICF13	8-759-300-25	s	IC HD10125
ICF14	8-759-904-87	s	IC 74F374PC
ICG1	8-759-301-24	s	IC HD10124
ICG2	8-759-900-08	s	IC SN74LS08N
ICG3	8-759-903-74	s	IC SN74LS374N
ICG4	8-759-903-74	s	IC SN74LS374N
ICG5	8-759-774-04	s	IC MB7132HSK-VA45061
ICG6	8-759-918-33	s	IC CX20160
ICG8	8-759-937-27	s	IC CXB1001G
ICG10	8-759-901-38	s	IC SN74LS138N
ICG11	8-759-901-38	s	IC SN74LS138N
ICG12	8-759-902-40	s	IC SN74LS240N
ICG13	8-759-904-84	s	IC 74F74PC
ICG14	8-759-904-80	s	IC 74F04PC
ICH1	8-759-301-24	s	IC HD10124
ICH2	8-759-301-24	s	IC HD10124
ICH3	8-759-903-74	s	IC SN74LS374N
ICH4	8-759-918-33	s	IC CX20160
ICH5	8-759-783-58	s	IC MB7138HSK-VA45091
ICH6	8-759-918-33	s	IC CX20160
ICH7	8-759-902-44	s	IC SN74LS244N
ICH8	8-759-900-10	s	IC SN74LS10N
ICH9	8-759-900-32	s	IC SN74LS32N
ICH10	8-759-900-04	s	IC SN74LS04N
ICH11	8-759-901-63	s	IC SN74LS163AN
ICH13	8-759-900-74	s	IC SN74LS74AN
ICH14	8-759-913-21	s	IC 74F158PC
JS6	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS8	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS10	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS11	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS14	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS21	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS23	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS28	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS30	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS33	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS38	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS40	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VA-45 BOARD, DVPC-1000)

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
L2	1-421-370-00	s	COIL, CHOKE
L101	1-421-329-00	s	COIL, CHOKE
L131	1-421-329-00	s	COIL, CHOKE
L161	1-421-329-00	s	COIL, CHOKE
L701	1-410-521-11	s	INDUCTOR, 100uH 5%
L702	1-410-521-11	s	INDUCTOR, 100uH 5%
LPF101	1-235-969-11	s	FILTER, LOW-PASS 2.75MHz
LPF201	1-235-969-11	s	FILTER, LOW-PASS 2.75MHz
LPF301	1-235-970-12	s	FILTER, LOW-PASS 5.75MHz
LPF401	1-235-967-11	s	FILTER, LOW-PASS 2.75MHz
LPF501	1-235-967-11	s	FILTER, LOW-PASS 2.75MHz
LPF601	1-235-968-12	s	FILTER, LOW-PASS 5.75MHz
Q101	8-729-203-28	s	TRANSISTOR 2SC2216
Q102	8-729-112-06	s	TRANSISTOR 2SA1206
Q103	8-729-112-06	s	TRANSISTOR 2SA1206
Q106	8-729-600-60	s	TRANSISTOR 2SA1115P
Q201	8-729-203-28	s	TRANSISTOR 2SC2216
Q202	8-729-112-06	s	TRANSISTOR 2SA1206
Q203	8-729-112-06	s	TRANSISTOR 2SA1206
Q206	8-729-600-60	s	TRANSISTOR 2SA1115P
Q301	8-729-203-28	s	TRANSISTOR 2SC2216
Q302	8-729-112-06	s	TRANSISTOR 2SA1206
Q303	8-729-112-06	s	TRANSISTOR 2SA1206
Q304	8-729-600-60	s	TRANSISTOR 2SA1115P
Q305	8-729-600-60	s	TRANSISTOR 2SA1115P
Q306	8-729-600-60	s	TRANSISTOR 2SA1115P
Q401	8-729-112-06	s	TRANSISTOR 2SA1206
Q501	8-729-112-06	s	TRANSISTOR 2SA1206
Q601	8-729-112-06	s	TRANSISTOR 2SA1206
Q701	8-729-600-60	s	TRANSISTOR 2SA1115P
Q702	8-729-600-60	s	TRANSISTOR 2SA1115P
Q703	8-729-203-28	s	TRANSISTOR 2SC2216
Q704	8-729-600-60	s	TRANSISTOR 2SA1115P
Q705	8-729-203-28	s	TRANSISTOR 2SC2216
Q706	8-729-600-60	s	TRANSISTOR 2SA1115P
Q707	8-729-600-60	s	TRANSISTOR 2SA1115P
Q801	8-729-900-07	s	TRANSISTOR 2SB757
Q802	8-729-169-02	s	TRANSISTOR 2SC2690A
Q804	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q831	8-729-984-70	s	TRANSISTOR 2SD847
Q832	8-729-122-02	s	TRANSISTOR 2SA1220A
Q834	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q861	8-729-984-70	s	TRANSISTOR 2SD847
Q862	8-729-122-02	s	TRANSISTOR 2SA1220A
R112	1-215-401-11	s	RES, METAL 150 1% 1/6W
R124	1-216-765-11	s	RES, METAL 1704 0.1% 1/8W
R125	1-216-768-11	s	RES, RETAL 8772 0.1% 1/8W
R133	1-215-401-11	s	RES, METAL 150 1% 1/6W
R134	1-215-401-11	s	RES, METAL 150 1% 1/6W
R212	1-215-401-11	s	RES, METAL 150 1% 1/6W
R224	1-216-765-11	s	RES, METAL 1704 0.1% 1/8W
R225	1-216-767-11	s	RES, METAL 3344 0.1% 1/8W
R233	1-215-401-11	s	RES, METAL 150 1% 1/6W
R234	1-215-401-11	s	RES, METAL 150 1% 1/6W
R312	1-215-401-11	s	RES, METAL 150 1% 1/6W
R323	1-216-765-11	s	RES, METAL 1704 0.1% 1/8W
R324	1-216-767-11	s	RES, METAL 3344 0.1% 1/8W
R325	1-216-768-11	s	RES, RETAL 8772 0.1% 1/8W
R333	1-215-401-11	s	RES, METAL 150 1% 1/6W
R334	1-215-401-11	s	RES, METAL 150 1% 1/6W
R412	1-215-401-11	s	RES, METAL 150 1% 1/6W
R414	1-215-401-11	s	RES, METAL 150 1% 1/6W
R422	1-215-957-11	s	RES, METAL 1.000K 0.1% 1/8W
R423	1-216-763-11	s	RES, METAL 713.4 0.1% 1/8W
R512	1-215-401-11	s	RES, METAL 150 1% 1/6W
R514	1-215-401-11	s	RES, METAL 150 1% 1/6W
R522	1-215-957-11	s	RES, METAL 1.000K 0.1% 1/8W
R523	1-216-762-11	s	RES, METAL 564.3 0.1% 1/8W
R612	1-215-401-11	s	RES, METAL 150 1% 1/6W
R614	1-215-401-11	s	RES, METAL 150 1% 1/6W

(VA-45 BOARD, DVPC-1000)

#10001 TO 21299 (J)
#10001 TO 20999 (UC)
#10001 TO 11199 (EK)

Ref. No. or Qty	Part No.	SP	Description
R623	1-216-764-11	s	RES, METAL 1400 0.1% 1/8W
R624	1-216-766-11	s	RES, METAL 2910 0.1% 1/8W
R818	1-205-901-11	s	RES, CEMENT 2.7 10% 5W
R819	1-207-612-00	s	RES, WIREWOUND 0.1 10% 3W
R848	1-205-901-11	s	RES, CEMENT 2.7 10% 5W
R849	1-207-612-00	s	RES, WIREWOUND 0.1 10% 3W
R878	1-205-908-11	s	RES, CEMENT 27 10% 5W
R879	1-207-612-00	s	RES, WIREWOUND 0.1 10% 3W
RB1	1-231-450-00	s	RESISTOR BLOCK, 3.3KX8
RB2	1-231-450-00	s	RESISTOR BLOCK, 3.3KX8
RB3	1-231-401-00	s	RESISTOR BLOCK, 470X8
RB4	1-231-401-00	s	RESISTOR BLOCK, 470X8
RB5	1-231-501-00	s	RESISTOR BLOCK, 470X4
RB101	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB201	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB301	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB401	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB501	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB601	1-231-449-00	s	RESISTOR BLOCK, 620X4
RV101	1-224-934-00	s	RES, VAR, METAL 100
RV102	1-224-937-00	s	RES, VAR, METAL 1K
RV104	1-224-934-00	s	RES, VAR, METAL 100
RV105	1-224-934-00	s	RES, VAR, METAL 100
RV106	1-224-941-00	s	RES, VAR, METAL 20K
RV107	1-224-941-00	s	RES, VAR, METAL 20K
RV108	1-224-934-00	s	RES, VAR, METAL 100
RV109	1-224-937-00	s	RES, VAR, METAL 1K
RV201	1-224-934-00	s	RES, VAR, METAL 100
RV202	1-224-937-00	s	RES, VAR, METAL 1K
RV204	1-224-934-00	s	RES, VAR, METAL 100
RV205	1-224-934-00	s	RES, VAR, METAL 100
RV206	1-224-941-00	s	RES, VAR, METAL 20K
RV207	1-224-941-00	s	RES, VAR, METAL 20K
RV208	1-224-934-00	s	RES, VAR, METAL 100
RV209	1-224-937-00	s	RES, VAR, METAL 1K
RV301	1-224-934-00	s	RES, VAR, METAL 100
RV302	1-224-937-00	s	RES, VAR, METAL 1K
RV303	1-224-942-00	s	RES, VAR, METAL 50K
RV305	1-224-936-00	s	RES, VAR, METAL 500
RV306	1-224-941-00	s	RES, VAR, METAL 20K
RV307	1-224-939-00	s	RES, VAR, METAL 5K
RV308	1-224-934-00	s	RES, VAR, METAL 100
RV309	1-224-937-00	s	RES, VAR, METAL 1K
RV310	1-230-741-21	s	RES, VAR, CARBON 10K
RV401	1-224-937-00	s	RES, VAR, METAL 1K
RV403	1-224-941-00	s	RES, VAR, METAL 20K
RV404	1-224-937-00	s	RES, VAR, METAL 1K
RV501	1-224-937-00	s	RES, VAR, METAL 1K
RV503	1-224-941-00	s	RES, VAR, METAL 20K
RV504	1-224-936-00	s	RES, VAR, METAL 500
RV601	1-224-937-00	s	RES, VAR, METAL 1K
RV603	1-224-941-00	s	RES, VAR, METAL 20K
RV604	1-224-935-00	s	RES, VAR, METAL 200
RV605	1-224-934-00	s	RES, VAR, METAL 100
RV606	1-224-935-00	s	RES, VAR, METAL 200
RV701	1-230-741-21	s	RES, VAR, CARBON 10K
RV702	1-224-935-00	s	RES, VAR, METAL 200
RV703	1-224-937-00	s	RES, VAR, METAL 1K
RV704	1-224-935-00	s	RES, VAR, METAL 200
RV705	1-224-935-00	s	RES, VAR, METAL 200
RV801	1-224-937-00	s	RES, VAR, METAL 1K
RV802	1-224-939-00	s	RES, VAR, METAL 5K
RV831	1-224-937-00	s	RES, VAR, METAL 1K
RV832	1-224-939-00	s	RES, VAR, METAL 5K
RV861	1-224-935-00	s	RES, VAR, METAL 200
RV862	1-224-939-00	s	RES, VAR, METAL 5K
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT
S101	1-554-397-21	s	SWITCH, TOGGLE
S701	1-554-397-21	s	SWITCH, TOGGLE

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

VA-45 BOARD, DVPC-1000

#21301 & UP (J) #21001 & UP (UC) #11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-002-B	o	COMPLETE PCB, VA-45
(This assembly includes the following parts.)			
1pc	3-715-721-11	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
3pcs	4-875-726-00	s	SHEET, INSULATING
5pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
31pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C135	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C161	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C162	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C210	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C211	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C214	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C216	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C217	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C222	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C223	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C224	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C225	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C228	1-161-890-11	s	CAP, CERAMIC 0.022uF 50V
C235	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C261	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C262	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C361	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C362	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C335	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C402	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C403	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C408	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C416	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C419	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C423	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C425	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C429	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C502	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C503	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C508	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C516	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C519	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C523	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C525	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C529	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C602	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C603	1-131-341-00	s	CAP, TANT 0.1uF 10% 35V
C608	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C616	1-130-495-00	s	CAP, MYLAR 0.1uF 5% 50V
C619	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C623	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C625	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C629	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C631	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C635	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C638	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C639	1-102-110-00	s	CAP, CERAMIC 220PF 10% 50V
C704	1-126-233-11	s	CAP, ELECT 22uF 20% 25V
C801	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C802	1-109-807-00	s	CAP, MICA 100PF 1% 100V
C803	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C804	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C831	1-161-485-00	s	CAP, CERAMIC 0.1uF 50V
C832	1-109-807-00	s	CAP, MICA 100PF 1% 100V
C833	1-109-532-00	s	CAP, MICA 75PF 5% 100V
C834	1-130-483-00	s	CAP, MYLAR 0.01uF 5% 50V
C862	1-109-807-00	s	CAP, MICA 100PF 1% 100V

(VA-45 BOARD, DVPC-1000)

#21301 & UP (J) #21001 & UP (UC) #11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
C864	1-130-483-00	s	CAP, MYLAR0.01uF 5% 50V
CN1	1-566-388-11	s	PIN, CONNECTOR 2P
CN2	1-566-388-11	s	PIN, CONNECTOR 2P
CN3	1-566-388-11	s	PIN, CONNECTOR 2P
CN4	1-566-388-11	s	PIN, CONNECTOR 2P
CN5	1-566-388-11	s	PIN, CONNECTOR 2P
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
CP1	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP2	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP3	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP4	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP5	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP6	1-231-455-00	s	CR BLOCK, R=51,C=0.01
D102	8-719-815-55	s	DIODE 1S1555
D104	8-719-102-51	s	DIODE 1SZ51
D202	8-719-815-55	s	DIODE 1S1555
D204	8-719-102-51	s	DIODE 1SZ51
D301	8-719-100-13	s	DIODE RD2.7E-B2
D302	8-719-400-35	s	DIODE LN35BP
D303	8-719-100-13	s	DIODE RD2.7E-B2
D304	8-719-102-51	s	DIODE 1SZ51
D401	8-719-102-51	s	DIODE 1SZ51
D501	8-719-102-51	s	DIODE 1SZ51
D601	8-719-102-51	s	DIODE 1SZ51
D707	8-719-815-55	s	DIODE 1S1555
D801	8-719-911-19	s	DIODE 1SS119
D802	8-719-911-19	s	DIODE 1SS119
D803	8-719-100-21	s	DIODE RD3.9E-B2
D804	8-719-102-51	s	DIODE 1SZ51
D831	8-719-911-19	s	DIODE 1SS119
D832	8-719-911-19	s	DIODE 1SS119
D833	8-719-100-21	s	DIODE RD3.9E-B2
D834	8-719-102-51	s	DIODE 1SZ51
D861	8-719-911-19	s	DIODE 1SS119
D862	8-719-911-19	s	DIODE 1SS119
D863	8-719-100-21	s	DIODE RD3.9E-B2
DL1	1-415-631-11	s	DELAY LINE
DL2	1-415-631-11	s	DELAY LINE
DL4	1-415-631-11	s	DELAY LINE
DL5	1-415-631-11	s	DELAY LINE
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F801	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F802	⚠ 1-576-031-11	s	FUSE, MICRO 10A
FB101	1-535-178-00	s	FERRITE BEAD
FB102	1-535-178-00	s	FERRITE BEAD
FB103	1-535-178-00	s	FERRITE BEAD
FB104	1-535-178-00	s	FERRITE BEAD
FB105	1-535-178-00	s	FERRITE BEAD
FB106	1-535-178-00	s	FERRITE BEAD
FB107	1-535-178-00	s	FERRITE BEAD
FB108	1-535-178-00	s	FERRITE BEAD
FB109	1-535-178-00	s	FERRITE BEAD
FB110	1-535-178-00	s	FERRITE BEAD
FB111	1-535-178-00	s	FERRITE BEAD
FB201	1-535-178-00	s	FERRITE BEAD
FB202	1-535-178-00	s	FERRITE BEAD
FB203	1-535-178-00	s	FERRITE BEAD
FB204	1-535-178-00	s	FERRITE BEAD
FB205	1-535-178-00	s	FERRITE BEAD
FB206	1-535-178-00	s	FERRITE BEAD
FB207	1-535-178-00	s	FERRITE BEAD
FB208	1-535-178-00	s	FERRITE BEAD
FB209	1-535-178-00	s	FERRITE BEAD
FB210	1-535-178-00	s	FERRITE BEAD
FB211	1-535-178-00	s	FERRITE BEAD
FB301	1-535-178-00	s	FERRITE BEAD
FB302	1-535-178-00	s	FERRITE BEAD
FB303	1-535-178-00	s	FERRITE BEAD

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VA-45 BOARD, DVPC-1000)

#21301 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
FB304	1-535-178-00	s	FERRITE BEAD
FB305	1-535-178-00	s	FERRITE BEAD
FB306	1-535-178-00	s	FERRITE BEAD
FB307	1-535-178-00	s	FERRITE BEAD
FB308	1-535-178-00	s	FERRITE BEAD
FB309	1-535-178-00	s	FERRITE BEAD
FB310	1-535-178-00	s	FERRITE BEAD
FB311	1-535-178-00	s	FERRITE BEAD
FB312	1-535-178-00	s	FERRITE BEAD
FB313	1-535-178-00	s	FERRITE BEAD
FB401	1-535-178-00	s	FERRITE BEAD
FB402	1-535-178-00	s	FERRITE BEAD
FB403	1-535-178-00	s	FERRITE BEAD
FB404	1-535-178-00	s	FERRITE BEAD
FB405	1-535-178-00	s	FERRITE BEAD
FB406	1-535-178-00	s	FERRITE BEAD
FB409	1-535-178-00	s	FERRITE BEAD
FB410	1-535-178-00	s	FERRITE BEAD
FB501	1-535-178-00	s	FERRITE BEAD
FB502	1-535-178-00	s	FERRITE BEAD
FB503	1-535-178-00	s	FERRITE BEAD
FB504	1-535-178-00	s	FERRITE BEAD
FB505	1-535-178-00	s	FERRITE BEAD
FB506	1-535-178-00	s	FERRITE BEAD
FB509	1-535-178-00	s	FERRITE BEAD
FB510	1-535-178-00	s	FERRITE BEAD
FB601	1-535-178-00	s	FERRITE BEAD
FB602	1-535-178-00	s	FERRITE BEAD
FB603	1-535-178-00	s	FERRITE BEAD
FB604	1-535-178-00	s	FERRITE BEAD
FB605	1-535-178-00	s	FERRITE BEAD
FB606	1-535-178-00	s	FERRITE BEAD
FB607	1-535-178-00	s	FERRITE BEAD
FB608	1-535-178-00	s	FERRITE BEAD
FB609	1-535-178-00	s	FERRITE BEAD
FB610	1-535-178-00	s	FERRITE BEAD
FB701	1-535-178-00	s	FERRITE BEAD
FB702	1-535-178-00	s	FERRITE BEAD
FB703	1-535-178-00	s	FERRITE BEAD
FB704	1-535-178-00	s	FERRITE BEAD
IC101	8-749-936-61	s	IC BX366A
IC102	8-759-015-95	s	IC MC1595L
IC103	8-749-936-51	s	IC BX365A
IC104	8-749-936-51	s	IC BX365A
IC106	8-741-130-60	s	IC BX1306
IC107	8-749-936-61	s	IC BX366A
IC108	8-741-130-60	s	IC BX1306
IC109	8-749-936-51	s	IC BX365A
IC110	8-749-936-61	s	IC BX366A
IC111	8-741-124-40	s	IC BX1244
IC112	8-759-981-00	s	IC TL081CP
IC113	8-752-030-40	s	IC CXA1016P
IC201	8-749-936-61	s	IC BX366A
IC202	8-759-015-95	s	IC MC1595L
IC203	8-749-936-51	s	IC BX365A
IC204	8-749-936-51	s	IC BX365A
IC206	8-741-130-60	s	IC BX1306
IC207	8-749-936-61	s	IC BX366A
IC208	8-741-130-60	s	IC BX1306
IC209	8-749-936-51	s	IC BX365A
IC210	8-749-936-61	s	IC BX366A
IC211	8-741-124-40	s	IC BX1244
IC212	8-759-981-00	s	IC TL081CP
IC213	8-752-030-40	s	IC CXA1016P
IC301	8-749-936-61	s	IC BX366A
IC302	8-759-015-95	s	IC MC1595L
IC303	8-749-936-51	s	IC BX365A
IC304	8-749-936-51	s	IC BX365A
IC305	8-749-936-51	s	IC BX365A
IC306	8-741-130-60	s	IC BX1306

(VA-45 BOARD, DVPC-1000)

#21301 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
IC307	8-749-936-61	s	IC BX366A
IC308	8-741-130-60	s	IC BX1306
IC309	8-749-936-51	s	IC BX365A
IC310	8-749-936-61	s	IC BX366A
IC311	8-741-124-40	s	IC BX1244
IC312	8-759-981-00	s	IC TL081CP
IC313	8-752-030-40	s	IC CXA1016P
IC314	8-759-981-00	s	IC TL081CP
IC401	8-759-981-00	s	IC TL081CP
IC402	8-749-936-51	s	IC BX365A
IC403	8-741-124-40	s	IC BX1244
IC404	8-749-936-51	s	IC BX365A
IC405	8-749-936-61	s	IC BX366A
IC406	8-749-936-61	s	IC BX366A
IC409	8-752-020-20	s	IC CX20202
IC501	8-759-981-00	s	IC TL081CP
IC502	8-749-936-51	s	IC BX365A
IC503	8-741-124-40	s	IC BX1244
IC504	8-749-936-51	s	IC BX365A
IC505	8-749-936-61	s	IC BX366A
IC506	8-749-936-61	s	IC BX366A
IC509	8-752-020-20	s	IC CX20202
IC601	8-759-981-00	s	IC TL081CP
IC602	8-749-936-51	s	IC BX365A
IC603	8-741-124-40	s	IC BX1244
IC604	8-749-936-51	s	IC BX365A
IC605	8-749-936-61	s	IC BX366A
IC606	8-749-936-61	s	IC BX366A
IC607	8-741-130-60	s	IC BX1306
IC608	8-741-130-60	s	IC BX1306
IC609	8-752-020-20	s	IC CX20202
IC610	8-749-936-61	s	IC BX366A
IC701	8-759-981-00	s	IC TL081CP
IC801	8-759-135-80	s	IC uPC358C
IC802	8-759-990-84	s	IC TL084CN
IC901	8-759-918-33	s	IC CX20160
ICA3	8-759-948-53	s	IC MB766P
ICA4	8-759-774-91	s	IC MB7124H-VA45041
ICA12	8-759-900-00	s	IC SN74LS00N
ICA13	8-759-301-24	s	IC HD10124
ICA14	8-759-301-24	s	IC HD10124
ICB2	8-759-001-16	s	IC MC10116L
ICB3	8-759-948-53	s	IC MB766P
ICB4	8-759-774-91	s	IC MB7124H-VA45041
ICB5	8-759-787-75	s	IC MB7138HSK-VA45211
ICB6	8-759-787-72	s	IC MB7138HSK-VA45111
ICB7	8-759-004-80	s	IC MC74HCT374N
ICB8	8-759-787-78	s	IC MB7138HSK-VA45151
ICB9	8-759-903-77	s	IC SN74LS377N
ICB10	8-759-904-84	s	IC 74F74PC
ICB11	8-759-900-08	s	IC SN74LS08N
ICB12	8-759-904-79	s	IC 74F00PC
ICB13	8-759-904-80	s	IC 74F04PC
ICB14	8-759-301-24	s	IC HD10124
ICC4	8-759-774-91	s	IC MB7124H-VA45041
ICC5	8-759-787-76	s	IC MB7138HSK-VA45221
ICC6	8-759-787-73	s	IC MB7138HSK-VA45121
ICC7	8-759-004-80	s	IC MC74HCT374N
ICC9	8-759-937-27	s	IC CXB1001G
ICC11	8-759-900-04	s	IC SN74LS04N
ICC12	8-759-915-93	s	IC 74F163APC
ICC13	8-759-904-87	s	IC 74F374PC
ICC14	8-759-001-25	s	IC MC10125L
ICD1	8-759-301-24	s	IC HD10124
ICD2	8-759-948-53	s	IC MB766P
ICD3	8-759-918-33	s	IC CX20160
ICD4	8-759-918-33	s	IC CX20160
ICD5	8-759-766-72	s	IC MB7138HSK-VA45231
ICD6	8-759-780-98	s	IC MB7138HSK-VA45132
ICD7	8-759-004-80	s	IC MC74HCT374N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VA-45 BOARD, DVPC-1000)

#21301 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICD8	8-752-304-30	s	IC CX23043
ICD11	8-759-904-80	s	IC 74F04PC
ICD13	8-759-001-25	s	IC MC10125L
ICD14	8-759-001-25	s	IC MC10125L
ICE11	8-759-904-80	s	IC 74F04PC
ICE12	8-759-904-79	s	IC 74F00PC
ICE13	8-759-904-80	s	IC 74F04PC
ICE14	8-759-001-25	s	IC MC10125L
ICF1	8-759-001-16	s	IC MC10116L
ICF2	8-759-301-24	s	IC HD10124
ICF3	8-759-971-99	s	IC MB767P
ICF4	8-759-918-33	s	IC CX20160
ICF5	8-759-903-74	s	IC SN74LS374N
ICF6	8-759-787-81	s	IC MB7138HSK-VA45161
ICF8	8-759-937-27	s	IC CXB1001G
ICF10	8-759-904-80	s	IC 74F04PC
ICF11	8-759-917-49	s	IC 74F112PC
ICG1	8-759-900-00	s	IC SN74LS00N
ICG2	8-759-900-32	s	IC SN74LS32N
ICG3	8-759-971-99	s	IC MB767P
ICG4	8-759-918-33	s	IC CX20160
ICG5	8-759-903-74	s	IC SN74LS374N
ICG6	8-759-787-81	s	IC MB7138HSK-VA45161
ICG7	8-759-900-08	s	IC SN74LS08N
ICG8	8-759-900-04	s	IC SN74LS04N
ICG9	8-759-900-74	s	IC SN74LS74AN
ICG10	8-759-787-80	s	IC MB7138HSK-VA45191
ICG11	8-759-787-79	s	IC MB7138HSK-VA45181
ICG12	8-759-938-94	s	IC 74F158APC
ICG13	8-759-904-87	s	IC 74F374PC
ICG14	8-759-904-87	s	IC 74F374PC
ICH1	8-759-202-74	s	IC TC74HC04P
ICH2	8-759-971-99	s	IC MB767P
ICH3	8-759-918-33	s	IC CX20160
ICH4	8-759-918-33	s	IC CX20160
ICH5	8-759-918-33	s	IC CX20160
ICH6	8-759-787-82	s	IC MB7138HSK-VA45171
ICH7	8-759-903-77	s	IC SN74LS377N
ICH8	8-759-901-74	s	IC SN74LS174N
ICH9	8-759-902-53	s	IC SN74LS253N
ICH10	8-759-903-77	s	IC SN74LS377N
ICH11	8-759-903-77	s	IC SN74LS377N
ICH12	8-759-202-98	s	IC TC74HC166P
ICH13	8-759-202-98	s	IC TC74HC166P
ICH14	8-759-904-80	s	IC 74F04PC
JS1	1-563-859-11	s	RECEP, CONNECTOR 2P
JS3	1-563-859-11	s	RECEP, CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L101	1-421-329-00	s	COIL, CHOKE
L131	1-421-329-00	s	COIL, CHOKE
L161	1-421-329-00	s	COIL, CHOKE
L701	1-410-521-11	s	INDUCTOR, 100uH 5%
L702	1-410-521-11	s	INDUCTOR, 100uH 5%
LPF101	1-235-969-11	s	FILTER, LOW-PASS 2.75MHz
LPF201	1-235-969-11	s	FILTER, LOW-PASS 2.75MHz
LPF301	1-235-970-12	s	FILTER, LOW-PASS 5.75MHz
LPF401	1-235-967-11	s	FILTER, LOW-PASS 2.75MHz
LPF501	1-235-967-11	s	FILTER, LOW-PASS 2.75MHz
LPF601	1-235-968-12	s	FILTER, LOW-PASS 5.75MHz
Q101	8-729-203-28	s	TRANSISTOR 2SC2216
Q102	8-729-112-06	s	TRANSISTOR 2SA1206
Q103	8-729-112-06	s	TRANSISTOR 2SA1206
Q106	8-729-600-60	s	TRANSISTOR 2SA1115P
Q201	8-729-203-28	s	TRANSISTOR 2SC2216
Q202	8-729-112-06	s	TRANSISTOR 2SA1206
Q203	8-729-112-06	s	TRANSISTOR 2SA1206
Q206	8-729-600-60	s	TRANSISTOR 2SA1115P
Q301	8-729-203-28	s	TRANSISTOR 2SC2216
Q302	8-729-112-06	s	TRANSISTOR 2SA1206

(VA-45 BOARD, DVPC-1000)

#21301 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
Q303	8-729-112-06	s	TRANSISTOR 2SA1206
Q304	8-729-600-60	s	TRANSISTOR 2SA1115P
Q305	8-729-600-60	s	TRANSISTOR 2SA1115P
Q306	8-729-600-60	s	TRANSISTOR 2SA1115P
Q401	8-729-112-06	s	TRANSISTOR 2SA1206
Q501	8-729-112-06	s	TRANSISTOR 2SA1206
Q601	8-729-112-06	s	TRANSISTOR 2SA1206
Q701	8-729-600-60	s	TRANSISTOR 2SA1115P
Q702	8-729-600-60	s	TRANSISTOR 2SA1115P
Q703	8-729-203-28	s	TRANSISTOR 2SC2216
Q704	8-729-600-60	s	TRANSISTOR 2SA1115P
Q705	8-729-203-28	s	TRANSISTOR 2SC2216
Q706	8-729-600-60	s	TRANSISTOR 2SA1115P
Q707	8-729-600-60	s	TRANSISTOR 2SA1115P
Q708	8-729-203-28	s	TRANSISTOR 2SC2216
Q709	8-729-203-28	s	TRANSISTOR 2SC2216
Q710	8-729-203-28	s	TRANSISTOR 2SC2216
Q801	8-729-900-07	s	TRANSISTOR 2SB757
Q802	8-729-169-02	s	TRANSISTOR 2SC2690A
Q804	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q831	8-729-984-70	s	TRANSISTOR 2SD847
Q832	8-729-122-02	s	TRANSISTOR 2SA1220A
Q834	8-729-105-72	s	TRANSISTOR 2SK523-L1
Q861	8-729-984-70	s	TRANSISTOR 2SD847
Q862	8-729-122-02	s	TRANSISTOR 2SA1220A
R124	1-216-765-11	s	RES, METAL 1704 0.1% 1/8W
R125	1-216-768-11	s	RES, METAL 8772 0.1% 1/8W
R224	1-216-765-11	s	RES, METAL 1704 0.1% 1/8W
R225	1-216-767-11	s	RES, METAL 3344 0.1% 1/8W
R323	1-216-765-11	s	RES, METAL 1704 0.1% 1/8W
R324	1-216-767-11	s	RES, METAL 3344 0.1% 1/8W
R325	1-216-768-11	s	RES, METAL 8772 0.1% 1/8W
R422	1-215-957-11	s	RES, METAL 1.000K 0.1% 1/8W
R423	1-216-763-11	s	RES, METAL 713.4 0.1% 1/8W
R522	1-215-957-11	s	RES, METAL 1.000K 0.1% 1/8W
R523	1-216-762-11	s	RES, METAL 564.3 0.1% 1/8W
R623	1-216-764-11	s	RES, METAL 1400 0.1% 1/8W
R624	1-216-766-11	s	RES, METAL 2910 0.1% 1/8W
R818	1-205-901-11	s	RES, CEMENT 2.7 10% 5W
R819	1-207-612-00	s	RES, WIREWOUND 0.1 10% 3W
R848	1-205-901-11	s	RES, CEMENT 2.7 10% 5W
R849	1-207-612-00	s	RES, WIREWOUND 0.1 10% 3W
R878	1-205-908-11	s	RES, CEMENT 27 10% 5W
R879	1-207-612-00	s	RES, WIREWOUND 0.1 10% 3W
RB1	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB2	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB3	1-231-504-00	s	RESISTOR BLOCK, 620X4
RB4	1-231-450-00	s	RESISTOR BLOCK, 3.3KX8
RB5	1-231-450-00	s	RESISTOR BLOCK, 3.3KX8
RB6	1-231-450-00	s	RESISTOR BLOCK, 3.3KX8
RB101	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB201	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB301	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB401	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB501	1-231-449-00	s	RESISTOR BLOCK, 620X4
RB601	1-231-449-00	s	RESISTOR BLOCK, 620X4
RV101	1-224-934-00	s	RES, VAR, METAL 100
RV102	1-224-937-00	s	RES, VAR, METAL 1K
RV104	1-224-934-00	s	RES, VAR, METAL 100
RV105	1-224-934-00	s	RES, VAR, METAL 100
RV106	1-224-941-00	s	RES, VAR, METAL 20K
RV107	1-224-941-00	s	RES, VAR, METAL 20K
RV108	1-224-934-00	s	RES, VAR, METAL 100
RV109	1-224-937-00	s	RES, VAR, METAL 1K
RV201	1-224-934-00	s	RES, VAR, METAL 100
RV202	1-224-937-00	s	RES, VAR, METAL 1K
RV204	1-224-934-00	s	RES, VAR, METAL 100
RV205	1-224-934-00	s	RES, VAR, METAL 100
RV206	1-224-941-00	s	RES, VAR, METAL 20K
RV207	1-224-941-00	s	RES, VAR, METAL 20K

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VA-45 BOARD, DVPC-1000)

#21301 & UP (J)
#21001 & UP (UC)
#11201 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
RV208	1-224-934-00	s	RES, VAR, METAL 100
RV209	1-224-937-00	s	RES, VAR, METAL 1K
RV301	1-224-934-00	s	RES, VAR, METAL 100
RV302	1-224-937-00	s	RES, VAR, METAL 1K
RV303	1-224-942-00	s	RES, VAR, METAL 50K
RV305	1-224-936-00	s	RES, VAR, METAL 500
RV306	1-224-941-00	s	RES, VAR, METAL 20K
RV307	1-224-939-00	s	RES, VAR, METAL 5K
RV308	1-224-934-00	s	RES, VAR, METAL 100
RV309	1-224-937-00	s	RES, VAR, METAL 1K
RV310	1-230-741-21	s	RES, VAR, CARBON 10K
RV401	1-224-935-00	s	RES, VAR, METAL 200
RV403	1-224-941-00	s	RES, VAR, METAL 20K
RV404	1-224-937-00	s	RES, VAR, METAL 1K
RV501	1-224-935-00	s	RES, VAR, METAL 200
RV503	1-224-941-00	s	RES, VAR, METAL 20K
RV504	1-224-936-00	s	RES, VAR, METAL 500
RV601	1-224-935-00	s	RES, VAR, METAL 200
RV603	1-224-941-00	s	RES, VAR, METAL 20K
RV604	1-224-935-00	s	RES, VAR, METAL 200
RV605	1-224-934-00	s	RES, VAR, METAL 100
RV606	1-224-935-00	s	RES, VAR, METAL 200
RV701	1-230-741-21	s	RES, VAR, CARBON 10K
RV702	1-224-934-00	s	RES, VAR, METAL 100
RV703	1-224-937-00	s	RES, VAR, METAL 1K
RV704	1-224-934-00	s	RES, VAR, METAL 100
RV705	1-224-935-00	s	RES, VAR, METAL 200
RV801	1-224-937-00	s	RES, VAR, METAL 1K
RV802	1-224-939-00	s	RES, VAR, METAL 5K
RV831	1-224-937-00	s	RES, VAR, METAL 1K
RV832	1-224-939-00	s	RES, VAR, METAL 5K
RV861	1-224-935-00	s	RES, VAR, METAL 200
RV862	1-224-939-00	s	RES, VAR, METAL 5K
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT
S101	1-554-397-21	s	SWITCH, TOGGLE
S701	1-554-397-21	s	SWITCH, TOGGLE

VE-12 BOARD, DVPC-1000

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-007-A	o	COMPLETE PCB, VE-12
(This assembly includes the following parts.)			
1pc	3-715-721-61	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C1	1-124-236-00	s	CAP, ELECT 47uF 16V
C2	1-124-236-00	s	CAP, ELECT 47uF 16V
C3	1-124-236-00	s	CAP, ELECT 47uF 16V
C4	1-124-236-00	s	CAP, ELECT 47uF 16V
C5	1-124-236-00	s	CAP, ELECT 47uF 16V
C6	1-124-236-00	s	CAP, ELECT 47uF 16V
CN1	1-566-385-11	s	PIN, SHORT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
CP1	8-759-107-45	s	IC uPA54HA
CP2	8-759-107-45	s	IC uPA54HA
CP3	8-759-107-46	s	IC uPA64HA
CP4	8-759-107-46	s	IC uPA64HA
CP5	8-759-107-45	s	IC uPA54HA
CP6	8-759-107-46	s	IC uPA64HA
CP7	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP8	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP9	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP10	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP11	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP12	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP13	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP14	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP15	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP16	1-231-455-00	s	CR BLOCK, R=51,C=0.01
CP21	1-231-455-00	s	CR BLOCK, R=51,C=0.01
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-759-774-92	s	IC MB7124H-VE12011
ICA3	8-759-202-55	s	IC TC74HC244P
ICA5	8-759-203-24	s	IC TC74HC283P
ICA6	8-759-203-24	s	IC TC74HC283P
ICA7	8-759-774-92	s	IC MB7124H-VE12011
ICA9	8-759-203-24	s	IC TC74HC283P
ICA11	8-759-203-24	s	IC TC74HC283P
ICA12	8-759-202-55	s	IC TC74HC244P
ICA13	8-759-202-55	s	IC TC74HC244P
ICA14	8-759-202-55	s	IC TC74HC244P
ICA15	8-752-304-30	s	IC CX23043
ICA16	8-752-304-30	s	IC CX23043
ICA18	8-759-203-01	s	IC TC74HC175P
ICA19	8-759-001-42	s	IC MC74HC174N
ICA20	8-759-903-74	s	IC SN74LS374N
ICA21	8-759-903-74	s	IC SN74LS374N
ICA23	8-759-937-86	s	IC CX20214
ICA25	8-759-937-86	s	IC CX20214
ICA27	8-759-937-86	s	IC CX20214
ICA28	8-759-937-86	s	IC CX20214
ICA29	8-759-786-63	s	IC MB7232RA-VE12092
ICA30	8-759-112-37	s	IC uPD41101C-3
ICA31	8-759-903-74	s	IC SN74LS374N
ICA33	8-759-937-27	s	IC CXB1001G
ICA35	8-759-904-87	s	IC 74F374PC
ICA36	8-759-904-87	s	IC 74F374PC
ICA37	8-759-300-25	s	IC HD10125
ICA38	8-759-300-25	s	IC HD10125
ICB1	8-759-203-36	s	IC TC74HC374P
ICB3	8-759-203-36	s	IC TC74HC374P
ICB5	8-759-203-36	s	IC TC74HC374P
ICB6	8-759-203-36	s	IC TC74HC374P
ICB7	8-759-203-36	s	IC TC74HC374P
ICB9	8-759-203-36	s	IC TC74HC374P
ICB11	8-759-203-36	s	IC TC74HC374P

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VE-12 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICB13	8-759-786-39	s	IC MBM27C256A-VE12031
ICB14	8-759-786-40	s	IC MBM27C256A-VE12041
ICB15	8-759-786-41	s	IC MBM27C256A-VE12051
ICB17	8-759-786-42	s	IC MBM27C256A-VE12061
ICB19	8-759-001-42	s	IC MC74HC174N
ICB20	8-759-903-74	s	IC SN74LS374N
ICB21	8-759-903-74	s	IC SN74LS374N
ICB23	8-759-937-86	s	IC CX20214
ICB25	8-759-937-86	s	IC CX20214
ICB27	8-759-937-86	s	IC CX20214
ICB28	8-759-937-86	s	IC CX20214
ICB29	8-759-786-63	s	IC MB7232RA-VE12092
ICB30	8-759-112-37	s	IC uPD41101C-3
ICB31	8-759-903-74	s	IC SN74LS374N
ICB32	8-759-774-61	s	IC MB7138HSK-VE12131
ICB33	8-759-112-37	s	IC uPD41101C-3
ICB34	8-759-901-74	s	IC SN74LS174N
ICB35	8-759-300-25	s	IC HD10125
ICB36	8-759-300-25	s	IC HD10125
ICB38	8-759-300-25	s	IC HD10125
ICC19	8-759-202-11	s	IC TC74HC00P
ICC20	8-759-903-74	s	IC SN74LS374N
ICC21	8-759-903-74	s	IC SN74LS374N
ICC23	8-759-937-86	s	IC CX20214
ICC25	8-759-937-86	s	IC CX20214
ICC27	8-759-937-86	s	IC CX20214
ICC28	8-759-937-86	s	IC CX20214
ICC29	8-759-918-33	s	IC CX20160
ICC30	8-759-903-74	s	IC SN74LS374N
ICC31	8-759-786-64	s	IC MB7232RA-VE12122
ICC32	8-759-112-37	s	IC uPD41101C-3
ICC33	8-759-903-74	s	IC SN74LS374N
ICC34	8-759-900-04	s	IC SN74LS04N
ICC36	8-759-777-53	s	IC MBL8742H-VE121510
ICC39	8-759-203-54	s	IC TC74HC640P
ICD1	8-759-793-72	s	IC PAL16L8B-VE12021
ICD3	8-759-793-72	s	IC PAL16L8B-VE12021
ICD5	8-759-793-72	s	IC PAL16L8B-VE12021
ICD6	8-759-793-72	s	IC PAL16L8B-VE12021
ICD7	8-759-793-72	s	IC PAL16L8B-VE12021
ICD9	8-759-793-72	s	IC PAL16L8B-VE12021
ICD11	8-759-793-72	s	IC PAL16L8B-VE12021
ICD13	8-752-304-30	s	IC CX23043
ICD14	8-752-304-30	s	IC CX23043
ICD15	8-759-774-38	s	IC MB7232RA-VE12071
ICD16	8-752-304-30	s	IC CX23043
ICD18	8-759-774-21	s	IC MB7226RA-VE12081
ICD19	8-752-304-30	s	IC CX23043
ICD20	8-759-903-74	s	IC SN74LS374N
ICD21	8-759-903-74	s	IC SN74LS374N
ICD34	8-759-915-41	s	IC 74F02PC
ICD35	8-759-901-61	s	IC SN74LS161AN
ICD39	8-759-203-61	s	IC TC74HC688P
ICE1	8-759-793-72	s	IC PAL16L8B-VE12021
ICE3	8-759-793-72	s	IC PAL16L8B-VE12021
ICE5	8-759-793-72	s	IC PAL16L8B-VE12021
ICE6	8-759-793-72	s	IC PAL16L8B-VE12021
ICE7	8-759-793-72	s	IC PAL16L8B-VE12021
ICE9	8-759-793-72	s	IC PAL16L8B-VE12021
ICE11	8-759-793-72	s	IC PAL16L8B-VE12021
ICE13	8-752-304-30	s	IC CX23043
ICE14	8-752-304-30	s	IC CX23043
ICE15	8-759-774-38	s	IC MB7232RA-VE12071
ICE16	8-752-304-30	s	IC CX23043
ICE18	8-759-774-21	s	IC MB7226RA-VE12081
ICE19	8-752-304-30	s	IC CX23043
ICE20	8-759-202-18	s	IC TC74HC20P
ICE24	8-759-202-14	s	IC TC74HC08P
ICE26	8-759-202-74	s	IC TC74HC04P
ICE27	8-759-000-99	s	IC MC74HC74N
ICE28	8-759-000-99	s	IC MC74HC74N
ICE29	8-759-202-14	s	IC TC74HC08P
ICE30	8-759-202-74	s	IC TC74HC04P
ICE31	8-759-202-32	s	IC TC74HC163P

(VE-12 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICE32	8-759-900-74	s	IC SN74LS74AN
ICE33	8-759-791-49	s	IC VP16V8E-VE12171
ICE34	8-759-791-48	s	IC VP16V8E-VE12161
ICE35	8-759-900-02	s	IC SN74LS02N
ICE36	8-759-900-04	s	IC SN74LS04N
ICE38	8-759-926-31	s	IC AM26LS31PC
ICE39	8-759-202-74	s	IC TC74HC04P
ICE40	8-759-202-74	s	IC TC74HC04P
ICF2	8-759-112-18	s	IC uPD4362C-45
ICF4	8-759-112-18	s	IC uPD4362C-45
ICF5	8-759-112-18	s	IC uPD4362C-45
ICF6	8-759-112-18	s	IC uPD4362C-45
ICF7	8-759-112-18	s	IC uPD4362C-45
ICF8	8-759-112-18	s	IC uPD4362C-45
ICF10	8-759-112-18	s	IC uPD4362C-45
ICF11	8-759-112-18	s	IC uPD4362C-45
ICF13	8-759-937-86	s	IC CX20214
ICF14	8-759-937-86	s	IC CX20214
ICF15	8-759-937-86	s	IC CX20214
ICF16	8-759-937-86	s	IC CX20214
ICF18	8-759-203-50	s	IC TC74HC574P
ICF20	8-759-111-80	s	IC CXD1037G
ICF22	8-759-903-74	s	IC SN74LS374N
ICF24	8-752-322-09	s	IC CXK5814P-35L
ICF26	8-759-917-70	s	IC 74F241PC
ICF27	8-759-202-11	s	IC TC74HC00P
ICF28	8-759-202-74	s	IC TC74HC04P
ICF29	8-759-202-74	s	IC TC74HC04P
ICF30	8-759-202-21	s	IC TC74HC32P
ICF31	8-759-202-84	s	IC TC74HC109P
ICF32	8-759-900-08	s	IC SN74LS08N
ICF33	8-759-900-00	s	IC SN74LS00N
ICF34	8-759-900-00	s	IC SN74LS00N
ICF35	8-759-900-32	s	IC SN74LS32N
ICF36	8-759-901-09	s	IC SN74ALS109AN
ICF38	8-759-900-04	s	IC SN74LS04N
ICF39	8-759-900-04	s	IC SN74LS04N
ICF40	8-759-926-32	s	IC AM26LS32PC
ICG27	8-759-202-14	s	IC TC74HC08P
ICG28	8-759-900-10	s	IC SN74LS10N
ICG29	8-759-000-99	s	IC MC74HC74N
ICG30	8-759-000-99	s	IC MC74HC74N
ICG31	8-759-904-83	s	IC 74F32PC
ICG32	8-759-900-00	s	IC SN74LS00N
ICG33	8-759-904-80	s	IC 74F04PC
ICG34	8-759-900-00	s	IC SN74LS00N
ICG35	8-759-000-99	s	IC MC74HC74N
ICG36	8-759-202-14	s	IC TC74HC08P
ICG38	8-759-909-47	s	IC SN74ALS574N
ICH2	8-759-112-18	s	IC uPD4362C-45
ICH4	8-759-112-18	s	IC uPD4362C-45
ICH5	8-759-112-18	s	IC uPD4362C-45
ICH6	8-759-112-18	s	IC uPD4362C-45
ICH7	8-759-112-18	s	IC uPD4362C-45
ICH8	8-759-112-18	s	IC uPD4362C-45
ICH10	8-759-112-18	s	IC uPD4362C-45
ICH11	8-759-112-18	s	IC uPD4362C-45
ICH13	8-759-937-86	s	IC CX20214
ICH14	8-759-937-86	s	IC CX20214
ICH15	8-759-937-86	s	IC CX20214
ICH16	8-759-937-86	s	IC CX20214
ICH18	8-759-203-50	s	IC TC74HC574P
ICH20	8-759-111-80	s	IC CXD1037G
ICH22	8-759-903-74	s	IC SN74LS374N
ICH24	8-752-322-09	s	IC CXK5814P-35L
ICH26	8-759-917-70	s	IC 74F241PC
ICH30	8-759-202-74	s	IC TC74HC04P
ICH31	8-759-202-21	s	IC TC74HC32P
ICH32	8-759-203-01	s	IC TC74HC175P
ICH33	8-759-001-42	s	IC MC74HC174N
ICH35	8-759-900-04	s	IC SN74LS04N
ICJ2	8-759-112-18	s	IC uPD4362C-45
ICJ4	8-759-112-18	s	IC uPD4362C-45
ICJ5	8-759-112-18	s	IC uPD4362C-45
ICJ6	8-759-112-18	s	IC uPD4362C-45

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VE-12 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
ICJ7	8-759-112-18	s	IC uPD4362C-45
ICJ8	8-759-112-18	s	IC uPD4362C-45
ICJ10	8-759-112-18	s	IC uPD4362C-45
ICJ11	8-759-112-18	s	IC uPD4362C-45
ICJ13	8-759-937-86	s	IC CX20214
ICJ14	8-759-937-86	s	IC CX20214
ICJ15	8-759-937-86	s	IC CX20214
ICJ16	8-759-937-86	s	IC CX20214
ICJ18	8-759-203-50	s	IC TC74HC574P
ICJ20	8-759-111-80	s	IC CXD1037G
ICJ22	8-759-903-74	s	IC SN74LS374N
ICJ24	8-752-322-09	s	IC CXK5814P-35L
ICJ26	8-759-917-70	s	IC 74F241PC
ICJ27	8-759-774-88	s	IC MB7138HSK-VE12101
ICJ29	8-759-774-60	s	IC MB7138HSK-VE12111
ICJ30	8-759-903-74	s	IC SN74LS374N
ICJ31	8-759-903-74	s	IC SN74LS374N
ICJ32	8-752-304-30	s	IC CX23043
ICJ33	8-759-774-46	s	IC MB7128H-VE12141
ICJ34	8-759-909-47	s	IC SN74ALS574N
ICJ35	8-759-909-47	s	IC SN74ALS574N
ICJ36	8-759-909-47	s	IC SN74ALS574N
ICJ38	8-759-909-47	s	IC SN74ALS574N
ICJ39	8-759-793-06	s	IC VP16V8E-VE12181
ICK2	8-759-112-18	s	IC uPD4362C-45
ICK4	8-759-112-18	s	IC uPD4362C-45
ICK5	8-759-112-18	s	IC uPD4362C-45
ICK6	8-759-112-18	s	IC uPD4362C-45
ICK7	8-759-112-18	s	IC uPD4362C-45
ICK8	8-759-112-18	s	IC uPD4362C-45
ICK10	8-759-112-18	s	IC uPD4362C-45
ICK11	8-759-112-18	s	IC uPD4362C-45
ICK13	8-759-937-86	s	IC CX20214
ICK14	8-759-937-86	s	IC CX20214
ICK15	8-759-937-86	s	IC CX20214
ICK16	8-759-937-86	s	IC CX20214
ICK18	8-759-203-50	s	IC TC74HC574P
ICK20	8-759-111-80	s	IC CXD1037G
ICK22	8-759-903-74	s	IC SN74LS374N
ICK24	8-752-322-09	s	IC CXK5814P-35L
ICK26	8-752-304-30	s	IC CX23043
ICK27	8-752-304-30	s	IC CX23043
ICK29	8-759-917-72	s	IC 74F244PC
ICK30	8-759-909-47	s	IC SN74ALS574N
ICK31	8-759-909-47	s	IC SN74ALS574N
ICK32	8-759-909-47	s	IC SN74ALS574N
ICK33	8-759-909-47	s	IC SN74ALS574N
ICK34	8-759-909-47	s	IC SN74ALS574N
ICK35	8-759-909-47	s	IC SN74ALS574N
ICK36	8-759-909-47	s	IC SN74ALS574N
ICK38	8-759-909-47	s	IC SN74ALS574N
ICK39	8-759-909-47	s	IC SN74ALS574N
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-421-370-00	s	COIL, CHOKE
L6	1-421-370-00	s	COIL, CHOKE
L7	1-410-316-11	s	INDUCTOR 1uH 20%
L8	1-410-316-11	s	INDUCTOR 1uH 20%
L9	1-410-316-11	s	INDUCTOR 1uH 20%
L10	1-410-316-11	s	INDUCTOR 1uH 20%
L11	1-410-316-11	s	INDUCTOR 1uH 20%
L12	1-410-316-11	s	INDUCTOR 1uH 20%
L13	1-410-316-11	s	INDUCTOR 1uH 20%
L14	1-410-316-11	s	INDUCTOR 1uH 20%
L15	1-410-316-11	s	INDUCTOR 1uH 20%
L16	1-410-316-11	s	INDUCTOR 1uH 20%
L17	1-410-316-11	s	INDUCTOR 1uH 20%
L18	1-410-316-11	s	INDUCTOR 1uH 20%
L19	1-410-316-11	s	INDUCTOR 1uH 20%
L20	1-410-316-11	s	INDUCTOR 1uH 20%
L21	1-410-316-11	s	INDUCTOR 1uH 20%
L22	1-410-316-11	s	INDUCTOR 1uH 20%
L23	1-410-316-11	s	INDUCTOR 1uH 20%
L24	1-410-316-11	s	INDUCTOR 1uH 20%

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VE-12 BOARD, DVPC-1000)

Ref. No. or Qty	Part No.	SP	Description
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB6	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB7	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB8	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB9	1-231-385-00	s	RESISTOR BLOCK, 4.7KX8
RB10	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB13	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB17	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-554-397-21	s	SWITCH, TOGGLE
X1	1-527-828-00	s	CRYSTAL 12.000MHz

VN-01 BOARD, DVPC-1000

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-012-A	o	COMPLETE PCB, VN-01
(This assembly includes the following parts.)			
1pc	3-715-724-11	o	LABEL (2), SERIAL NUMBER
2pcs	3-673-249-00	o	LEVER, PC BOARD
2pcs	7-621-775-10	s	SCREW, +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
2pcs	7-628-254-20	s	SCREW, +PSW, 2.6X8
6pcs	7-628-253-40	s	SCREW, +PS 2X10
21pcs	7-628-254-10	s	SCREW, +PSW, 2.6X6
C25	1-161-013-00	s	CAP, CERAMIC 0.01uF 10% 25V
C38	1-161-013-00	s	CAP, CERAMIC 0.01uF 10% 25V
C42	1-131-347-00	s	CAP, TANT 1uF 20% 35V
CN1	1-560-733-00	s	PIN, SHORT
CN2	1-560-733-00	s	PIN, SHORT
CN3	1-560-733-00	s	PIN, SHORT
CN4	1-560-733-00	s	PIN, SHORT
CN5	1-560-733-00	s	PIN, SHORT
CN6	1-560-733-00	s	PIN, SHORT
CN7	1-560-733-00	s	PIN, SHORT
CN8	1-560-733-00	s	PIN, SHORT
CN9	1-560-733-00	s	PIN, SHORT
CN10	1-560-733-00	s	PIN, SHORT
CN11	1-560-733-00	s	PIN, SHORT
CN12	1-560-733-00	s	PIN, SHORT
CN14	1-560-733-00	s	PIN, SHORT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-800-60	s	DIODE TLR214
F1	⚠ 1-532-926-12	s	FUSE, MICRO 10A
F2	⚠ 1-532-926-12	s	FUSE, MICRO 10A
ICA1	8-759-112-37	s	IC uPD41101C-3
ICA2	8-759-203-43	s	IC TC74HC534P
ICA3	8-759-203-36	s	IC TC74HC374P
ICA4	8-759-203-36	s	IC TC74HC374P
ICA5	8-759-203-36	s	IC TC74HC374P
ICA6	8-759-004-80	s	IC MC74HCT374N
ICA7	8-759-112-37	s	IC uPD41101C-3
ICA8	8-759-112-37	s	IC uPD41101C-3
ICA9	8-759-004-82	s	IC MC74HCT534N
ICA10	8-759-004-82	s	IC MC74HCT534N
ICA11	8-759-774-41	s	IC MB7232RA-VN01021
ICA12	8-759-918-39	s	IC CX20167
ICA13	8-759-774-41	s	IC MB7232RA-VN01021
ICA14	8-759-918-39	s	IC CX20167
ICA15	8-759-203-36	s	IC TC74HC374P
ICA16	8-759-004-80	s	IC MC74HCT374N
ICA17	8-759-790-28	s	IC VP16V8E-VN01061
ICA18	8-759-202-75	s	IC TC74HCT04P
ICA19	8-759-906-78	s	IC 74F399PC
ICA22	8-759-913-63	s	IC SN74ALS374N
ICA23	8-759-906-78	s	IC 74F399PC
ICA24	8-759-004-80	s	IC MC74HCT374N
ICA25	8-759-913-63	s	IC SN74ALS374N
ICA26	8-759-903-99	s	IC SN74LS399N
ICA27	8-759-903-99	s	IC SN74LS399N
ICA29	8-759-113-09	s	IC CXD1040G
ICA31	8-759-113-09	s	IC CXD1040G
ICA33	8-759-113-09	s	IC CXD1040G
ICB2	8-759-906-76	s	IC 74F283PC
ICB3	8-759-906-76	s	IC 74F283PC
ICB4	8-759-906-76	s	IC 74F283PC
ICB5	8-759-113-08	s	IC CXD1039G
ICB7	8-759-202-75	s	IC TC74HCT04P
ICB9	8-759-004-80	s	IC MC74HCT374N
ICB10	8-759-203-36	s	IC TC74HC374P
ICB11	8-759-925-08	s	IC SN74ALS174N
ICB12	8-759-925-08	s	IC SN74ALS174N
ICB13	8-759-925-08	s	IC SN74ALS174N
ICB14	8-759-925-08	s	IC SN74ALS174N
ICB15	8-759-790-27	s	IC VP16V8E-VN01041
ICB16	8-759-004-80	s	IC MC74HCT374N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VN-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. ot Qty	Part No.	SP	Description
ICB17	8-759-913-63	s	IC SN74ALS374N
ICB18	8-759-918-33	s	IC CX20160
ICB19	8-759-913-63	s	IC SN74ALS374N
ICB20	8-759-774-63	s	IC MB7138HSK-VN01081
ICB21	8-759-774-64	s	IC MB7138HSK-VN01111
ICB24	8-759-776-09	s	IC MB7124H-VN01281
ICB25	8-759-774-94	s	IC MB7124H-VN01161
ICB26	8-759-203-36	s	IC TC74HC374P
ICB27	8-759-790-33	s	IC VP16V8E-VN01201
ICB28	8-759-900-32	s	IC SN74LS32N
ICB29	8-759-900-86	s	IC SN74LS86N
ICB30	8-759-112-37	s	IC uPD41101C-3
ICB31	8-759-774-95	s	IC MB7124H-VN01241
ICB32	8-759-774-95	s	IC MB7124H-VN01241
ICB33	8-759-774-95	s	IC MB7124H-VN01241
ICC1	8-759-906-76	s	IC 74F283PC
ICC2	8-759-906-76	s	IC 74F283PC
ICC3	8-759-906-76	s	IC 74F283PC
ICC4	8-759-936-57	s	IC SN74ALS251N
ICC5	8-759-004-80	s	IC MC74HCT374N
ICC6	8-759-203-36	s	IC TC74HC374P
ICC7	8-759-203-43	s	IC TC74HC534P
ICC8	8-759-112-37	s	IC uPD41101C-3
ICC9	8-759-004-80	s	IC MC74HCT374N
ICC10	8-759-203-36	s	IC TC74HC374P
ICC11	8-759-902-83	s	IC SN74LS283N
ICC12	8-759-902-83	s	IC SN74LS283N
ICC13	8-759-902-83	s	IC SN74LS283N
ICC14	8-759-902-83	s	IC SN74LS283N
ICC15	8-759-903-92	s	IC SN74LS682N
ICC16	8-759-790-27	s	IC VP16V8E-VN01041
ICC17	8-759-913-63	s	IC SN74ALS374N
ICC18	8-759-918-33	s	IC CX20160
ICC19	8-759-790-29	s	IC VP16V8E-VN01092
ICC20	8-759-913-63	s	IC SN74ALS374N
ICC21	8-759-904-87	s	IC 74F374PC
ICC23	8-759-777-58	s	IC MBL8742H-VN011411
ICC24	8-759-004-80	s	IC MC74HCT374N
ICC25	8-759-004-80	s	IC MC74HCT374N
ICC26	8-759-004-80	s	IC MC74HCT374N
ICC27	8-759-203-16	s	IC TC74HCT244P
ICC28	8-759-912-48	s	IC SN74ALS874NT
ICC29	8-759-203-16	s	IC TC74HCT244P
ICC31	8-759-913-63	s	IC SN74ALS374N
ICC32	8-759-913-63	s	IC SN74ALS374N
ICC33	8-759-913-63	s	IC SN74ALS374N
ICC34	8-759-790-35	s	IC VP16V8E-VN01271
ICD2	8-759-917-83	s	IC 74F353PC
ICD3	8-759-917-83	s	IC 74F353PC
ICD4	8-759-936-57	s	IC SN74ALS251N
ICD5	8-759-112-37	s	IC uPD41101C-3
ICD6	8-759-004-82	s	IC MC74HCT534N
ICD7	8-759-904-88	s	IC 74F534PC
ICD8	8-759-903-77	s	IC SN74LS377N
ICD9	8-759-936-57	s	IC SN74ALS251N
ICD11	8-759-791-16	s	IC VP16V8E-VN01032
ICD12	8-759-791-16	s	IC VP16V8E-VN01032
ICD13	8-759-791-16	s	IC VP16V8E-VN01032
ICD14	8-759-791-16	s	IC VP16V8E-VN01032
ICD15	8-759-906-78	s	IC 74F399PC
ICD16	8-759-004-80	s	IC MC74HCT374N
ICD17	8-759-112-37	s	IC uPD41101C-3
ICD18	8-759-913-63	s	IC SN74ALS374N
ICD19	8-759-790-29	s	IC VP16V8E-VN01092
ICD20	8-759-774-62	s	IC MB7138HSK-VN01071
ICD21	8-759-775-53	s	IC MB7142H-VN01101
ICD24	8-759-203-36	s	IC TC74HC374P
ICD25	8-759-203-36	s	IC TC74HC374P
ICD26	8-759-004-80	s	IC MC74HCT374N
ICD27	8-759-904-80	s	IC 74F04PC

(VN-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICD30	8-759-912-30	s	IC SN74ALS640AN
ICD31	8-759-900-08	s	IC SN74LS08N
ICD32	8-759-900-04	s	IC SN74LS04N
ICD33	8-759-926-32	s	IC AM26LS32PC
ICD34	8-759-904-14	s	IC SN74ALS04AN
ICE2	8-759-917-83	s	IC 74F353PC
ICE3	8-759-917-83	s	IC 74F353PC
ICE4	8-759-936-57	s	IC SN74ALS251N
ICE5	8-759-004-80	s	IC MC74HCT374N
ICE6	8-759-004-80	s	IC MC74HCT374N
ICE7	8-759-913-63	s	IC SN74ALS374N
ICE8	8-759-112-37	s	IC uPD41101C-3
ICE9	8-759-936-57	s	IC SN74ALS251N
ICE11	8-759-902-83	s	IC SN74LS283N
ICE12	8-759-902-83	s	IC SN74LS283N
ICE13	8-759-902-83	s	IC SN74LS283N
ICE14	8-759-902-83	s	IC SN74LS283N
ICE15	8-759-906-78	s	IC 74F399PC
ICE17	8-759-904-33	s	IC SN74ALS20AN
ICE18	8-759-913-63	s	IC SN74ALS374N
ICE19	8-759-004-80	s	IC MC74HCT374N
ICE20	8-759-203-36	s	IC TC74HC374P
ICE21	8-759-203-36	s	IC TC74HC374P
ICE22	8-759-902-40	s	IC SN74LS240N
ICE23	8-759-103-88	s	IC uPD82C43CY
ICE24	8-759-776-15	s	IC MB7134H-VN01171
ICE25	8-759-776-13	s	IC MB7134H-VN01291
ICE26	8-759-776-14	s	IC MB7134H-VN01301
ICE27	8-759-202-55	s	IC TC74HC244P
ICE28	8-759-913-63	s	IC SN74ALS374N
ICE29	8-759-913-63	s	IC SN74ALS374N
ICE30	8-759-912-12	s	IC SN74ALS240AN
ICE31	8-759-912-12	s	IC SN74ALS240AN
ICE32	8-759-790-34	s	IC VP16V8E-VN01251
ICE33	8-759-936-69	s	IC SN74ALS534N
ICF2	8-759-203-36	s	IC TC74HC374P
ICF4	8-759-936-57	s	IC SN74ALS251N
ICF5	8-759-203-36	s	IC TC74HC374P
ICF6	8-759-203-36	s	IC TC74HC374P
ICF7	8-759-004-80	s	IC MC74HCT374N
ICF8	8-759-004-82	s	IC MC74HCT534N
ICF9	8-759-936-57	s	IC SN74ALS251N
ICF11	8-759-774-41	s	IC MB7232RA-VN01021
ICF12	8-759-918-39	s	IC CX20167
ICF13	8-759-774-41	s	IC MB7232RA-VN01021
ICF14	8-759-918-39	s	IC CX20167
ICF15	8-759-903-92	s	IC SN74LS682N
ICF16	8-759-903-92	s	IC SN74LS682N
ICF17	8-759-004-80	s	IC MC74HCT374N
ICF18	8-759-903-77	s	IC SN74LS377N
ICF19	8-759-112-37	s	IC uPD41101C-3
ICF20	8-759-774-93	s	IC MB7124H-VN01121
ICF21	8-759-774-93	s	IC MB7124H-VN01121
ICF22	8-759-902-40	s	IC SN74LS240N
ICF24	8-759-925-08	s	IC SN74ALS174N
ICF25	8-759-913-63	s	IC SN74ALS374N
ICF26	8-759-913-63	s	IC SN74ALS374N
ICF27	8-759-774-47	s	IC MB7128H-VN01211
ICF28	8-759-904-87	s	IC 74F374PC
ICF29	8-759-301-24	s	IC HD10124
ICF30	8-759-203-61	s	IC TC74HC688P
ICF31	8-759-301-24	s	IC HD10124
ICG3	8-759-918-33	s	IC CX20160
ICG4	8-759-936-57	s	IC SN74ALS251N
ICG9	8-759-936-57	s	IC SN74ALS251N
ICG11	8-759-925-08	s	IC SN74ALS174N
ICG12	8-759-925-08	s	IC SN74ALS174N
ICG13	8-759-925-08	s	IC SN74ALS174N
ICG14	8-759-925-08	s	IC SN74ALS174N
ICG15	8-759-906-78	s	IC 74F399PC

(VN-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICG16	8-759-913-63	s	IC SN74ALS374N
ICG17	8-759-913-63	s	IC SN74ALS374N
ICG18	8-759-774-62	s	IC MB7138HSK-VN01071
ICG19	8-759-775-53	s	IC MB7142H-VN01101
ICG20	8-759-913-63	s	IC SN74ALS374N
ICG21	8-759-913-63	s	IC SN74ALS374N
ICG22	8-759-902-40	s	IC SN74LS240N
ICG23	8-759-103-88	s	IC uPD82C43CY
ICG24	8-759-913-63	s	IC SN74ALS374N
ICG26	8-759-937-27	s	IC CXB1001G
ICG29	8-759-112-37	s	IC uPD41101C-3
ICG30	8-759-913-63	s	IC SN74ALS374N
ICG31	8-759-904-87	s	IC 74F374PC
ICG32	8-759-301-24	s	IC HD10124
ICG33	8-759-301-24	s	IC HD10124
ICH4	8-759-936-57	s	IC SN74ALS251N
ICH5	8-759-203-36	s	IC TC74HC374P
ICH6	8-759-906-76	s	IC 74F283PC
ICH7	8-759-906-76	s	IC 74F283PC
ICH9	8-759-936-57	s	IC SN74ALS251N
ICH10	8-759-904-85	s	IC 74F253PC
ICH11	8-759-902-83	s	IC SN74LS283N
ICH12	8-759-902-83	s	IC SN74LS283N
ICH13	8-759-902-83	s	IC SN74LS283N
ICH14	8-759-902-83	s	IC SN74LS283N
ICH15	8-759-906-78	s	IC 74F399PC
ICH16	8-759-918-33	s	IC CX20160
ICH17	8-759-918-33	s	IC CX20160
ICH20	8-759-774-06	s	IC MB7132HSK-VN01131
ICH21	8-759-774-06	s	IC MB7132HSK-VN01131
ICH22	8-759-913-63	s	IC SN74ALS374N
ICH23	8-759-790-30	s	IC VP16V8E-VN01152
ICH24	8-759-790-31	s	IC VP16V8E-VN01182
ICH25	8-759-203-68	s	IC TC74HC4040P
ICH26	8-759-902-21	s	IC SN74LS221N
ICH27	8-759-203-68	s	IC TC74HC4040P
ICH28	8-759-112-37	s	IC uPD41101C-3
ICH29	8-759-904-80	s	IC 74F04PC
ICH30	8-759-913-63	s	IC SN74ALS374N
ICH31	8-759-913-63	s	IC SN74ALS374N
ICH32	8-759-300-25	s	IC HD10125
ICH33	8-759-301-24	s	IC HD10124
ICJ3	8-759-004-80	s	IC MC74HCT374N
ICJ4	8-759-936-57	s	IC SN74ALS251N
ICJ5	8-759-203-36	s	IC TC74HC374P
ICJ6	8-759-906-76	s	IC 74F283PC
ICJ7	8-759-906-76	s	IC 74F283PC
ICJ9	8-759-936-57	s	IC SN74ALS251N
ICJ10	8-759-904-85	s	IC 74F253PC
ICJ11	8-759-791-16	s	IC VP16V8E-VN01032
ICJ12	8-759-791-16	s	IC VP16V8E-VN01032
ICJ13	8-759-791-16	s	IC VP16V8E-VN01032
ICJ14	8-759-791-16	s	IC VP16V8E-VN01032
ICJ15	8-759-004-80	s	IC MC74HCT374N
ICJ16	8-759-776-30	s	IC MB7114H-VN01052
ICJ17	8-759-906-78	s	IC 74F399PC
ICJ18	8-759-913-63	s	IC SN74ALS374N
ICJ19	8-759-904-87	s	IC 74F374PC
ICJ20	8-759-913-63	s	IC SN74ALS374N
ICJ21	8-752-304-30	s	IC CX23043
ICJ22	8-752-304-30	s	IC CX23043
ICJ23	8-759-913-63	s	IC SN74ALS374N
ICJ24	8-759-791-39	s	IC VP16V8E-VN01192
ICJ25	8-759-004-80	s	IC MC74HCT374N
ICJ27	8-759-780-49	s	IC MBM27C32-VN01222
ICJ28	8-752-304-30	s	IC CX23043
ICJ30	8-759-904-14	s	IC SN74ALS04AN
ICJ31	8-759-913-63	s	IC SN74ALS374N
ICJ32	8-759-913-63	s	IC SN74ALS374N
ICJ33	8-759-913-63	s	IC SN74ALS374N

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VN-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
ICK1	8-759-202-55	s	IC TC74HC244P
ICK3	8-759-203-36	s	IC TC74HC374P
ICK4	8-759-936-57	s	IC SN74ALS251N
ICK6	8-759-906-76	s	IC 74F283PC
ICK7	8-759-906-76	s	IC 74F283PC
ICK9	8-759-936-57	s	IC SN74ALS251N
ICK10	8-759-904-85	s	IC 74F253PC
ICK18	8-759-774-63	s	IC MB7138HSK-VN01081
ICK19	8-759-774-64	s	IC MB7138HSK-VN01111
ICL1	8-759-202-55	s	IC TC74HC244P
ICL2	8-759-004-80	s	IC MC74HCT374N
ICL3	8-759-203-36	s	IC TC74HC374P
ICL4	8-759-203-36	s	IC TC74HC374P
ICL5	8-759-112-37	s	IC uPD41101C-3
ICL6	8-759-906-76	s	IC 74F283PC
ICL7	8-759-906-76	s	IC 74F283PC
ICL9	8-759-936-57	s	IC SN74ALS251N
ICL10	8-759-904-85	s	IC 74F253PC
ICL11	8-759-902-83	s	IC SN74LS283N
ICL12	8-759-902-83	s	IC SN74LS283N
ICL13	8-759-902-83	s	IC SN74LS283N
ICL14	8-759-902-83	s	IC SN74LS283N
ICL16	8-759-913-63	s	IC SN74ALS374N
ICL17	8-759-913-63	s	IC SN74ALS374N
ICL20	8-759-906-78	s	IC 74F399PC
ICL21	8-759-913-63	s	IC SN74ALS374N
ICL22	8-759-904-14	s	IC SN74ALS04AN
ICL23	8-759-202-32	s	IC TC74HC163P
ICL24	8-759-202-55	s	IC TC74HC244P
ICL25	8-759-202-55	s	IC TC74HC244P
ICL26	8-759-904-26	s	IC SN74ALS08N
ICL27	8-759-904-18	s	IC SN74ALS00AN
ICL28	8-759-900-00	s	IC SN74LS00N
ICL29	8-759-901-09	s	IC SN74ALS109AN
ICL30	8-759-004-80	s	IC MC74HCT374N
ICL32	8-759-778-71	s	IC MB7138HSK-VN01262
ICL33	8-752-304-30	s	IC CX23043
JS12	1-561-832-00	s	SOCKET, SHORT
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB5	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB6	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB7	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB8	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB12	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB13	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB14	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB15	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB16	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB17	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB18	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB19	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB20	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB21	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB22	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB23	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB24	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB25	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB26	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB27	1-231-399-00	s	RESISTOR BLOCK, 330X8

(VN-01 BOARD, DVPC-1000)

#10001 TO 10699 (J)
#10001 TO 20999 (UC)
#10001 TO 10999 (EK)

Ref. No. or Qty	Part No.	SP	Description
RB28	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB29	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB31	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB32	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB33	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB34	1-235-005-00	s	RESISTOR BLOCK, 47KX8
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-570-623-11	s	SWITCH, DIP 4CKT
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

VN-01 BOARD, DVPC-1000

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
1pc	A-6019-012-B	o	VN-01 COMPLETE PCB, AE-05
(The assembly includes the follwing parts.)			
2pcs	3-673-249-11	o	LEVER, PC BOARD
1pc	3-715-724-11	o	LABEL (2), SERIAL NUMBER
2pcs	7-621-775-10	s	SCREW +B 2.6X4
2pcs	7-626-320-11	o	PIN, SPRING 3X8
6pcs	7-628-253-40	s	SCREW +PS 2X10
1pc	7-628-254-00	s	SCREW +PSW 2.6X5
20pcs	7-628-254-10	s	+PSW, 2.6X6
2pcs	7-628-254-20	s	+PSW, 2.6X8
C41	1-131-347-00	s	CAP, TANT 1uF 20% 35V
CN1	1-566-385-11	s	PIN, CONNECTOR 2P
CN2	1-566-385-11	s	PIN, CONNECTOR 2P
CN3	1-566-385-11	s	PIN, CONNECTOR 2P
CN4	1-566-385-11	s	PIN, CONNECTOR 2P
CN5	1-566-385-11	s	PIN, CONNECTOR 2P
CN6	1-566-385-11	s	PIN, CONNECTOR 2P
CN7	1-566-385-11	s	PIN, CONNECTOR 2P
CN8	1-566-385-11	s	PIN, CONNECTOR 2P
CN9	1-566-385-11	s	PIN, CONNECTOR 2P
CN10	1-566-385-11	s	PIN, CONNECTOR 2P
CN11	1-566-385-11	s	PIN, CONNECTOR 2P
CN101	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103	1-506-746-11	s	RECEP, DIN 48P, MALE
D1	8-719-800-60	s	DIODE TLR214
DL1	1-415-298-00	s	DELAY LINE
F1	⚠ 1-576-031-11	s	FUSE, MICRO 10A
F2	⚠ 1-576-031-11	s	FUSE, MICRO 10A
ICA1	8-759-918-33	s	IC CX20160
ICA2	8-759-794-76	s	IC PAL16R8B-VN01311
ICA3	8-759-913-63	s	IC SN74ALS374N
ICA4	8-759-913-63	s	IC SN74ALS374N
ICA5	8-759-906-78	s	IC 74F399PC
ICA6	8-759-774-41	s	IC MB7232RA-VN01021
ICA7	8-759-913-63	s	IC SN74ALS374N
ICA8	8-759-903-92	s	IC SN74LS682N
ICA9	8-759-774-41	s	IC MB7232RA-VN01021
ICA10	8-759-913-63	s	IC SN74ALS374N
ICA11	8-759-913-63	s	IC SN74ALS374N
ICA12	8-759-004-82	s	IC MC74HCT534N
ICA23	8-759-112-37	s	IC UPD41101C-3
ICA24	8-759-004-80	s	IC MC74HCT374N
ICA25	8-759-203-36	s	IC TC74HC374P
ICA26	8-759-202-75	s	IC TC74HCT04P
ICA28	8-759-903-99	s	IC SN74LS399N
ICA29	8-759-903-99	s	IC SN74LS399N
ICA30	8-759-913-63	s	IC SN74ALS374N
ICA31	8-759-913-63	s	IC SN74ALS374N
ICA32	8-759-004-80	s	IC MC74HCT374N
ICA33	8-759-203-16	s	IC TC74HCT244P
ICA34	8-759-900-86	s	IC SN74LS86N
ICB2	8-759-918-33	s	IC CX20160
ICB3	8-759-913-63	s	IC SN74ALS374N
ICB4	8-759-913-63	s	IC SN74ALS374N
ICB5	8-759-112-37	s	IC UPD41101C-3
ICB6	8-759-918-39	s	IC CX20167
ICB7	8-759-791-52	s	IC VP16V8E-VN01331
ICB8	8-759-791-52	s	IC VP16V8E-VN01331
ICB9	8-759-918-39	s	IC CX20167
ICB10	8-759-791-52	s	IC VP16V8E-VN01331
ICB11	8-759-791-52	s	IC VP16V8E-VN01331
ICB12	8-759-004-82	s	IC MC74HCT534N
ICB13	8-759-203-43	s	IC TC74HC534P
ICB14	8-759-112-37	s	IC UPD41101C-3
ICB16	8-759-004-80	s	IC MC74HCT374N
ICB17	8-759-203-36	s	IC TC74HC374P
ICB21	8-759-004-80	s	IC MC74HCT374N
ICB22	8-759-112-37	s	IC UPD41101C-3
ICB26	8-759-902-40	s	IC SN74LS240N
ICB27	8-759-913-63	s	IC SN74ALS374N
ICB30	8-759-774-95	s	IC MB7124H-VN01241

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VN-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICB31	8-759-774-95	s	IC MB7124H-VN01241
ICB32	8-759-774-95	s	IC MB7124H-VN01241
ICB33	8-759-912-48	s	IC SN74ALS874NT
ICC1	8-759-913-63	s	IC SN74ALS374N
ICC2	8-759-913-63	s	IC SN74ALS374N
ICC3	8-759-782-14	s	IC MB7138HSK-VN01351
ICC4	8-759-782-17	s	IC MB7138HSK-VN01341
ICC5	8-759-793-05	s	IC VP16V8E-VN01471
ICC13	8-759-004-82	s	IC MC74HCT534N
ICC14	8-759-112-37	s	IC UPD41101C-3
ICC16	8-759-004-80	s	IC MC74HCT374N
ICC17	8-759-203-36	s	IC TC74HC374P
ICC18	8-759-203-36	s	IC TC74HC374P
ICC20	8-759-203-36	s	IC TC74HC374P
ICC21	8-759-203-36	s	IC TC74HC374P
ICC22	8-759-900-32	s	IC SN74LS32N
ICC24	8-759-113-08	s	IC CXD1039G
ICC26	8-759-203-68	s	IC TC74HC4040P
ICC27	8-752-304-30	s	IC CX23043
ICC30	8-759-913-63	s	IC SN74ALS374N
ICC31	8-759-913-63	s	IC SN74ALS374N
ICC32	8-759-913-63	s	IC SN74ALS374N
ICD6	8-759-780-13	s	IC MB7226RA-VN01321
ICD7	8-759-780-13	s	IC MB7226RA-VN01321
ICD8	8-759-906-78	s	IC 74F399PC
ICD9	8-759-906-78	s	IC 74F399PC
ICD10	8-759-780-13	s	IC MB7226RA-VN01321
ICD11	8-759-780-13	s	IC MB7226RA-VN01321
ICD12	8-759-112-37	s	IC UPD41101C-3
ICD22	8-759-900-08	s	IC SN74LS08N
ICD23	8-759-203-36	s	IC TC74HC374P
ICD24	8-759-004-80	s	IC MC74HCT374N
ICD29	8-759-779-82	s	IC MBL8742H-VN011412
ICD32	8-759-900-08	s	IC SN74LS08N
ICE1	8-759-946-64	s	IC SN74ALS04ABN
ICE2	8-759-112-37	s	IC UPD41101C-3
ICE3	8-759-782-14	s	IC MB7138HSK-VN01351
ICE4	8-759-782-17	s	IC MB7138HSK-VN01341
ICE5	8-759-793-05	s	IC VP16V8E-VN01471
ICE6	8-759-794-74	s	IC PAL16R8B-VN01061
ICE7	8-759-004-80	s	IC MC74HCT374N
ICE8	8-759-203-36	s	IC TC74HC374P
ICE9	8-759-794-72	s	IC PAL16R6B-VN01041
ICE10	8-759-004-80	s	IC MC74HCT374N
ICE12	8-759-004-80	s	IC MC74HCT374N
ICE14	8-759-917-83	s	IC 74F353PC
ICE16	8-759-112-37	s	IC UPD41101C-3
ICE17	8-759-906-76	s	IC 74F283PC
ICE18	8-759-904-85	s	IC 74F253PC
ICE20	8-759-906-76	s	IC 74F283PC
ICE25	8-759-794-10	s	IC VP16V8E-VN01253
ICE26	8-759-740-89	s	IC MB7138HSK-VN01422
ICE27	8-759-789-19	s	IC MB7138HSK-VN01412
ICE30	8-759-912-30	s	IC SN74ALS640AN
ICE31	8-759-912-12	s	IC SN74ALS240AN
ICE32	8-759-203-61	s	IC TC74HC688P
ICE33	8-759-912-12	s	IC SN74ALS240AN
ICF1	8-759-902-21	s	IC SN74LS221N
ICF2	8-759-202-32	s	IC TC74HC163P
ICF3	8-759-913-63	s	IC SN74ALS374N
ICF4	8-759-913-63	s	IC SN74ALS374N
ICF5	8-759-906-78	s	IC 74F399PC
ICF6	8-759-780-13	s	IC MB7226RA-VN01321
ICF7	8-759-780-13	s	IC MB7226RA-VN01321
ICF8	8-759-794-72	s	IC PAL16R6B-VN01041
ICF9	8-759-004-80	s	IC MC74HCT374N
ICF10	8-759-780-13	s	IC MB7226RA-VN01321
ICF11	8-759-780-13	s	IC MB7226RA-VN01321
ICF12	8-759-203-36	s	IC TC74HC374P
ICF13	8-759-906-76	s	IC 74F283PC

(VN-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICF14	8-759-917-83	s	IC 74F353PC
ICF16	8-759-906-76	s	IC 74F283PC
ICF17	8-759-906-76	s	IC 74F283PC
ICF18	8-759-904-85	s	IC 74F253PC
ICF20	8-759-906-76	s	IC 74F283PC
ICF21	8-759-780-17	s	IC MB7232RA-VN01361
ICF23	8-759-780-16	s	IC MB7232RA-VN01371
ICF24	8-759-780-17	s	IC MB7232RA-VN01361
ICF25	8-759-913-63	s	IC SN74ALS374N
ICF26	8-759-793-01	s	IC VP16V8E-VN01451
ICF27	8-759-793-03	s	IC VP16V8E-VN01441
ICF28	8-759-103-88	s	IC UPD82C43CY
ICF29	8-759-103-88	s	IC UPD82C43CY
ICF30	8-759-004-82	s	IC MC74HCT534N
ICF31	8-759-300-25	s	IC HD10125
ICF32	8-759-926-32	s	IC AM26LS32PC
ICG2	8-759-202-55	s	IC TC74HC244P
ICG3	8-759-913-63	s	IC SN74ALS374N
ICG4	8-759-913-63	s	IC SN74ALS374N
ICG5	8-759-904-33	s	IC SN74ALS20AN
ICG13	8-759-906-76	s	IC 74F283PC
ICG14	8-759-917-83	s	IC 74F353PC
ICG16	8-759-906-76	s	IC 74F283PC
ICG17	8-759-906-76	s	IC 74F283PC
ICG18	8-759-904-85	s	IC 74F253PC
ICG20	8-759-906-76	s	IC 74F283PC
ICG21	8-759-112-37	s	IC UPD41101C-3
ICG23	8-759-112-37	s	IC UPD41101C-3
ICG24	8-759-112-37	s	IC UPD41101C-3
ICG25	8-759-791-51	s	IC VP16V8E-VN01431
ICG26	8-759-004-80	s	IC MC74HCT374N
ICG27	8-759-004-80	s	IC MC74HCT374N
ICG28	8-759-913-63	s	IC SN74ALS374N
ICG29	8-759-913-63	s	IC SN74ALS374N
ICG30	8-759-904-87	s	IC 74F374PC
ICG31	8-759-301-24	s	IC HD10124
ICH2	8-759-202-55	s	IC TC74HC244P
ICH3	8-759-203-68	s	IC TC74HC4040P
ICH5	8-759-913-63	s	IC SN74ALS374N
ICH6	8-759-918-39	s	IC CX20167
ICH7	8-759-791-52	s	IC VP16V8E-VN01331
ICH8	8-759-791-52	s	IC VP16V8E-VN01331
ICH9	8-759-918-39	s	IC CX20167
ICH10	8-759-791-52	s	IC VP16V8E-VN01331
ICH11	8-759-791-52	s	IC VP16V8E-VN01331
ICH12	8-759-203-36	s	IC TC74HC374P
ICH13	8-759-906-76	s	IC 74F283PC
ICH14	8-759-917-83	s	IC 74F353PC
ICH16	8-759-906-76	s	IC 74F283PC
ICH17	8-759-906-76	s	IC 74F283PC
ICH18	8-759-904-85	s	IC 74F253PC
ICH20	8-759-906-76	s	IC 74F283PC
ICH23	8-759-203-36	s	IC TC74HC374P
ICH24	8-759-004-80	s	IC MC74HCT374N
ICH26	8-759-904-18	s	IC SN74ALS00AN
ICH27	8-759-904-26	s	IC SN74ALS08N
ICH28	8-759-112-37	s	IC UPD41101C-3
ICH29	8-759-112-37	s	IC UPD41101C-3
ICH30	8-759-904-80	s	IC 74F04PC
ICH31	8-759-301-24	s	IC HD10124
ICJ2	8-759-202-55	s	IC TC74HC244P
ICJ4	8-759-774-06	s	IC MB7132HSK-VN01131
ICJ6	8-759-774-41	s	IC MB7232RA-VN01021
ICJ7	8-759-913-63	s	IC SN74ALS374N
ICJ8	8-759-903-92	s	IC SN74LS682N
ICJ9	8-759-774-41	s	IC MB7232RA-VN01021
ICJ10	8-759-913-63	s	IC SN74ALS374N
ICJ11	8-759-903-92	s	IC SN74LS682N
ICJ12	8-759-203-36	s	IC TC74HC374P
ICJ13	8-759-936-57	s	IC SN74ALS251N

(VN-01 BOARD, DVPC-1000)

#10701 & UP (J)
#21001 & UP (UC)
#11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICJ14	8-759-004-82	s	IC MC74HCT534N
ICJ16	8-759-936-57	s	IC SN74ALS251N
ICJ17	8-759-936-57	s	IC SN74ALS251N
ICJ18	8-759-203-36	s	IC TC74HC374P
ICJ20	8-759-936-57	s	IC SN74ALS251N
ICJ21	8-759-004-80	s	IC MC74HCT374N
ICJ22	8-759-004-80	s	IC MC74HCT374N
ICJ23	8-759-004-80	s	IC MC74HCT374N
ICJ24	8-759-203-36	s	IC TC74HC374P
ICJ25	8-759-900-04	s	IC SN74LS04N
ICJ26	8-759-904-48	s	IC SN74LS109N
ICJ27	8-759-900-00	s	IC SN74LS00N
ICJ30	8-759-902-40	s	IC SN74LS240N
ICJ31	8-759-301-24	s	IC HD10124
ICK3	8-759-202-55	s	IC TC74HC244P
ICK12	8-759-112-37	s	IC UPD41101C-3
ICK13	8-759-936-57	s	IC SN74ALS251N
ICK14	8-759-904-88	s	IC 74F534PC
ICK16	8-759-936-57	s	IC SN74ALS251N
ICK17	8-759-936-57	s	IC SN74ALS251N
ICK18	8-759-913-63	s	IC SN74ALS374N
ICK20	8-759-936-57	s	IC SN74ALS251N
ICK25	8-759-202-55	s	IC TC74HC244P
ICK26	8-759-202-55	s	IC TC74HC244P
ICK27	8-759-774-47	s	IC MB7128H-VN01211
ICK28	8-759-904-87	s	IC 74F374PC
ICK29	8-759-913-63	s	IC SN74ALS374N
ICK31	8-759-301-24	s	IC HD10124
ICL1	8-752-304-30	s	IC CX23043
ICL2	8-752-304-30	s	IC CX23043
ICL3	8-759-946-64	s	IC SN74ALS04BN
ICL4	8-759-913-63	s	IC SN74ALS374N
ICL5	8-759-774-93	s	IC MB7124H-VN01121
ICL6	8-759-112-37	s	IC UPD41101C-3
ICL7	8-759-774-93	s	IC MB7124H-VN01121
ICL8	8-759-906-78	s	IC 74F399PC
ICL9	8-759-906-78	s	IC 74F399PC
ICL10	8-759-913-63	s	IC SN74ALS374N
ICL12	8-759-203-43	s	IC TC74HC534P
ICL13	8-759-936-57	s	IC SN74ALS251N
ICL14	8-759-004-80	s	IC MC74HCT374N
ICL16	8-759-936-57	s	IC SN74ALS251N
ICL17	8-759-936-57	s	IC SN74ALS251N
ICL18	8-759-004-80	s	IC MC74HCT374N
ICL20	8-759-936-57	s	IC SN74ALS251N
ICL21	8-759-004-80	s	IC MC74HCT374N
ICL22	8-759-780-15	s	IC MB7134H-VN01401
ICL23	8-759-780-12	s	IC MB7134H-VN01381
ICL24	8-759-780-14	s	IC MB7134H-VN01391
ICL28	8-759-913-63	s	IC SN74ALS374N
ICL29	8-759-913-63	s	IC SN74ALS374N
ICL30	8-759-904-80	s	IC 74F04PC
ICL31	8-759-301-24	s	IC HD10124
ICM2	8-752-304-30	s	IC CX23043
ICM3	8-759-794-77	s	IC PAL16R8B-VN01462
ICM4	8-759-789-67	s	IC MB7114H-VN01481
ICM5	8-759-203-36	s	IC TC74HC374P
ICM6	8-759-203-36	s	IC TC74HC374P
ICM7	8-759-004-80	s	IC MC74HCT374N
ICM8	8-759-902-40	s	IC SN74LS240N
ICM9	8-759-913-63	s	IC SN74ALS374N
ICM10	8-759-774-06	s	IC MB7132HSK-VN01131
ICM13	8-759-936-57	s	IC SN74ALS251N
ICM16	8-759-936-57	s	IC SN74ALS251N
ICM17	8-759-936-57	s	IC SN74ALS251N
ICM20	8-759-936-57	s	IC SN74ALS251N
ICM21	8-759-004-80	s	IC MC74HCT374N
ICM22	8-759-913-63	s	IC SN74ALS374N
ICM23	8-759-913-63	s	IC SN74ALS374N
ICM24	8-759-913-63	s	IC SN74ALS374N
ICM26	8-759-937-27	s	IC CXB1001G

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VN-01 BOARD, DVPC-1000)

#10701 & UP (J) #21001 & UP (UC) #11001 & UP (EK)

Ref. No. or Qty	Part No.	SP	Description
ICM30	8-759-913-63	s	IC SN74ALS374N
ICM31	8-759-913-63	s	IC SN74ALS374N
ICM32	8-759-913-63	s	IC SN74ALS374N
JS1	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS8	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
JS11	1-565-413-11	s	RECEPTACLE CONNECTOR 2P
L1	1-421-370-00	s	COIL, CHOKE
L2	1-421-370-00	s	COIL, CHOKE
L3	1-421-370-00	s	COIL, CHOKE
L4	1-421-370-00	s	COIL, CHOKE
L5	1-421-370-00	s	COIL, CHOKE
RB1	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB2	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB3	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB4	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB5	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB6	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB7	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB8	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB9	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB10	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB11	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB12	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB13	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB14	1-235-005-00	s	RESISTOR BLOCK, 47KX8
RB15	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB16	1-231-405-00	s	RESISTOR BLOCK, 1KX8
RB17	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB18	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB19	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB20	1-231-399-00	s	RESISTOR BLOCK, 330X8
RB21	1-231-533-00	s	RESISTOR BLOCK, 10KX4
RB22	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB23	1-235-452-11	s	RESISTOR BLOCK, 330X4
RB24	1-231-410-00	s	RESISTOR BLOCK, 10KX8
RB25	1-231-410-00	s	RESISTOR BLOCK, 10KX8
S1	1-570-623-11	s	SWITCH, DIP 4CKT
S2	1-570-623-11	s	SWITCH, DIP 4CKT
S3	1-553-925-00	s	SWITCH, ROTARY
S4	1-553-925-00	s	SWITCH, ROTARY
S5	1-553-925-00	s	SWITCH, ROTARY
X1	1-527-828-00	s	CRYSTAL 12.000MHz

NOTE: Please see pages D-14 and D-15 for the part numbers of capacitors and resistors that are not listed in the parts list.

FRAME, DVPC-1000

Ref. No. Q'ty	Part No.	SP	Description
1pc	1-938-521-13	s	FLAT CABLE ASSY, IVD-1 26P/20P
			Includes the following connectors.
			CN015F (to DP-60 board)
			CM753F (to MB-132 board)
1pc	1-939-069-11	s	FLAT CABLE ASSY, IVD-2 26P/26P
			Includes the following connectors.
			CN272F (to IV-14 board)
			CN401F (to DS-18 board)
1pc	1-938-520-13	s	CABLE ASSY, PSC-1
			Includes the following connectors.
			CN273F (to IV-14 board)
			CN652F (DIGITAL VIDEO INPUT)
			CN653F (DIGITAL VIDEO OUTPUT)
			CN654F (DIGITAL VIDEO REFERENCE INPUT)
			CN661F (CN-B)
			CN662F (EXT TERMINAL;GPIB)
			CN751F (to MB-132 board)
			CN752F (to MB-132 board)
			#10001 to 21799 (J)
			#10001 to 20999 (UC)
			#10001 to 11199 (EK)
			CN001F (to SP-10 board)
			#21801 & UP (J)
			#21001 & UP (UC)
			#11201 & UP (EK)
			CN754F (to MB-132 board)
			CN755F (to MB-132 board)
1pc	1-943-545-11	s	FLAT CABLE ASSY, PIC-11
			Includes the following connectors.
			CN752F (to MB-132 board)
			CN006F (to SP-10 board)
			#21801 & UP (J)
			#21001 & UP (UC)
			#11201 & UP (EK)
66pcs	1-535-375-11	o	TERMINAL, FASTEN
CN002F (to power supply)			
	1-561-072-00	o	HOUSING, 9P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN002F (to SP-10 board)			
	1-943-546-11	o	CABLE, CSI-11
	1-509-509-12	o	HOUSING, IL 8P
	1-560-298-11	o	TERMINAL, SOLDERESS
			#21801 & UP (J)
			#21001 & UP (UC)
			#11201 & UP (EK)
CN003F (to power supply)			
	1-561-073-00	o	HOUSING, 15P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN016F (to power supply)			
	1-562-849-11	o	HOUSING, 12P
	1-535-206-11	o	CONTACT, FEMALE
CN019F (to DP-60 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN022F (to MB-132 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN023F (to MB-132 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN024F (to MB-132 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN043F (to MB-132 board)			
	1-561-071-00	o	HOUSING, 6P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN045F (to MB-132 board)			
	1-562-849-11	o	HOUSING, 12P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN048F (to IV-14 board)			
	1-561-828-00	o	HOUSING, 3P
	1-535-206-11	o	CONTACT, FEMALE

(FRAME, DVPC-1000)

Ref. No. Q'ty	Part No.	SP	Description
CN049F (to IV-14 board)			
	1-561-071-00	o	HOUSING, 6P
	1-535-206-11	o	CONTACT, FEMALE
CN050F (to AT-45 board)			
	1-561-070-00	o	HOUSING, 4P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN206F (to PE-18 board)			
	1-562-147-11	o	HOUSING, 2P
	1-563-088-11	o	CONTACT, FEMALE AWG24-30
CN251F (to IV-14 board)			
	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN252F (to IV-14 board)			
	1-509-989-00	o	HOUSING, IL 10P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN253F (to IV-14 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN254F (to IV-14 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN255F (to IV-14 board)			
	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN256F (to IV-14 board)			
	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN257F (to IV-14 board)			
	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN258F (to IV-14 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN259F (to IV-14 board)			
	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN260F (to IV-14 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN261F (to IV-14 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN262F (to IV-14 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN263F (to IV-14 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN264F (to IV-14 board)			
	1-561-056-11	o	HOUSING, IL 12P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN265F (to IV-14 board)			
	1-561-056-00	o	HOUSING, IL 12P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN266F (to IV-14 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN267F (to IV-14 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN268F (to IV-14 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28

(FRAME, DVPC-1000)

Ref. No. Q'ty	Part No.	SP	Description
CN269F (to IV-14 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN270F (to IV-14 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN271F (to IV-14 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN274F (to IV-14 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN301F (to AT-45 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN302F (to AT-45 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN303F (to AT-45 board)			
	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN304F (to AT-45 board)			
	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN305F (to AT-45 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN307F (to AT-45 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN308F (to AT-45 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN309F (to AT-45 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN310F (to AT-45 board)			
	1-509-984-00	o	HOUSING, IL 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN601F (ANALOG VIDEO R IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN602F (ANALOG VIDEO G IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN603F (ANALOG VIDEO B IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN604F (ANALOG VIDEO SYNC IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN605F (ANALOG VIDEO R IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN606F (ANALOG VIDEO G IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN607F (ANALOG VIDEO B IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN608F (ANALOG VIDEO SYNC IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN609F (ANALOG VIDEO R OUT1)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN610F (ANALOG VIDEO G OUT1)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN611F (ANALOG VIDEO B OUT1)			
	1-561-781-11	s	RECEP, BNC, FEMALE

(FRAME, DVPC-1000)

Ref. No. Q'ty	Part No.	SP	Description
CN612F (ANALOG VIDEO SYNC OUT1)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN613F (ANALOG VIDEO R OUT2)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN614F (ANALOG VIDEO G OUT2)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN615F (ANALOG VIDEO B OUT2)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN616F (ANALOG VIDEO SYNC OUT2)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN617F (PICTURE MONITOR OUT R)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN618F (PICTURE MONITOR OUT G)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN619F (PICTURE MONITOR OUT B)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN620F (PICTURE MONITOR OUT SYNC)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN621F (WFM IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN622F (WFM OUT)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN623F (SYNC OUT)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN624F (ANALOG REFERENCE IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN625F (ANALOG REFERENCE IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN626F (CF IN)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN627F (CF OUT)			
	1-561-781-11	s	RECEP, BNC, FEMALE
CN628F (SPARE 1)			
CN629F (SPARE 2)			
CN630F (SPARE 3)			
	1-561-781-11	s	RECEP, BNC, FEMALE #10001 to 21799 (J) #10001 to 20999 (UC) #10001 to 11199 (EK)
CN628F (SERIAL INTERFACE IN)			
CN629F (SERIAL INTERFACE OUT-1)			
CN630F (SERIAL INTERFACE OUT-2)			
	1-561-781-11	s	RECEP, BNC, FEMALE #21801 & UP (J) #21001 & UP (UC) #11201 & UP (EK)
CN631 (ANALOG AUDIO CH-1 IN)			
	1-509-184-51	s	RECEP, XLR 3P, FEMALE (for UC,EK)
	1-509-176-51	s	RECEP, XLR 3P, MALE (for J)
CN632 (ANALOG AUDIO CH-2 IN)			
	1-509-184-51	s	RECEP, XLR 3P, FEMALE (for UC,EK)
	1-509-176-51	s	RECEP, XLR 3P, MALE (for J)
CN633 (ANALOG AUDIO CH-3 IN)			
	1-509-184-51	s	RECEP, XLR 3P, FEMALE (for UC,EK)
	1-509-176-51	s	RECEP, XLR 3P, MALE (for J)
CN634 (ANALOG AUDIO CH-4 IN)			
	1-509-184-51	s	RECEP, XLR 3P, FEMALE (for UC,EK)
	1-509-176-51	s	RECEP, XLR 3P, MALE (for J)
CN635 (ANALOG AUDIO CH-1 OUT)			
	1-509-176-51	s	RECEP, XLR 3P, MALE (for UC,EK)
	1-509-184-51	s	RECEP, XLR 3P, FEMALE (for J)
CN636 (ANALOG AUDIO CH-2 OUT)			
	1-509-176-51	s	RECEP, XLR 3P, MALE (for UC,EK)
	1-509-184-51	s	RECEP, XLR 3P, FEMALE (for J)

(FRAME, DVPC-1000)

Ref. No. Q'ty	Part No.	SP	Description
CN637 (ANALOG AUDIO CH-3 OUT)			
	1-509-176-51	s	RECEP, XLR 3P, MALE (for UC,EK)
	1-509-184-51	s	RECEP, XLR 3P, FEMALE (for J)
CN638 (ANALOG AUDIO CH-4 OUT)			
	1-509-176-51	s	RECEP, XLR 3P, MALE (for UC,EK)
	1-509-184-51	s	RECEP, XLR 3P, FEMALE (for J)
CN641 (DIGITAL AUDIO CH-1 IN)			
	1-509-184-51	s	RECEP, XLR 3P, FEMALE
CN642 (DIGITAL AUDIO CH-2 IN)			
	1-509-184-51	s	RECEP, XLR 3P, FEMALE
CN643 (DIGITAL AUDIO CH-3 IN)			
	1-509-184-51	s	RECEP, XLR 3P, FEMALE
CN644 (DIGITAL AUDIO CH-4 IN)			
	1-509-184-51	s	RECEP, XLR 3P, FEMALE
CN645 (DIGITAL AUDIO CH-1 OUT)			
	1-509-176-51	s	RECEP, XLR 3P, MALE
CN646 (DIGITAL AUDIO CH-2 OUT)			
	1-509-176-51	s	RECEP, XLR 3P, MALE
CN647 (DIGITAL AUDIO CH-3 OUT)			
	1-509-176-51	s	RECEP, XLR 3P, MALE
CN648 (DIGITAL AUDIO CH-4 OUT)			
	1-509-176-51	s	RECEP, XLR 3P, MALE
CN651F (CN-A)			
	1-563-819-11	s	CONNECTOR, D-SUB, 50P
	1-562-580-21	o	CONTACT, FEMALE AWG24-28
	1-563-968-21	o	CONTACT, FEMALE AWG18-22
CN671M (VIDEO ANALOG INPUT 2)			
	1-564-407-21	s	CONNECTOR, 12P
CN672F (VIDEO ANALOG OUTPUT 2)			
	1-562-160-21	s	CONNECTOR, 12P
CN757F (to MB-132 bosrd)			
	1-561-056-00	o	HOUSING, IL 12P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN759F (to MB-132 board)			
	1-561-056-00	o	HOUSING, IL 12P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN760F (to MB-132 board)			
	1-561-056-00	o	HOUSING, IL 12P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN762F (to MB-132 board)			
	1-561-056-00	o	HOUSING, IL 12P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN763F (to MB-132 board)			
	1-561-056-00	o	HOUSING, IL 12P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN764F (to MB-132 board)			
	1-509-989-00	o	HOUSING, IL 10P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN765F (to MB-132 board)			
	1-509-985-00	o	HOUSING, IL 4P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN770F (to MB-132 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN771F (to MB-132 board)			
	1-509-988-00	o	IL CONNECTOR 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN772F (to MB-132 board)			
	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN773F (to MB-132 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28

(FRAME, DVPC-1000)

Ref. No. Q'ty	Part No.	SP	Description
CN774F (to MB-132 board)			
	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
M001	1-541-337-21	s	FAN, DC12V
M002	1-541-337-21	s	FAN, DC12V
M003	1-541-337-21	s	FAN, DC12V
R2	1-246-474-00	s	RES, CARBON 1.1K 5% 1/4W
R3	1-246-474-00	s	RES, CARBON 1.1K 5% 1/4W
R4	1-246-474-00	s	RES, CARBON 1.1K 5% 1/4W
R5	1-246-474-00	s	RES, CARBON 1.1K 5% 1/4W
R6	1-246-477-00	s	RES, CARBON 1.5K 5% 1/4W
R7	1-246-477-00	s	RES, CARBON 1.5K 5% 1/4W
R8	1-246-477-00	s	RES, CARBON 1.5K 5% 1/4W
R9	1-246-477-00	s	RES, CARBON 1.5K 5% 1/4W
S1	1-514-524-00	s	SWITCH, SLIDE
S2	1-514-524-00	s	SWITCH, SLIDE
S3	1-514-524-00	s	SWITCH, SLIDE
S4	1-514-524-00	s	SWITCH, SLIDE
S5	1-514-524-00	s	SWITCH, SLIDE
S6	1-570-052-11	s	SWITCH, PUSH, POWER

FRAME/POWER SUPPLY, DVPC-1000

Ref. No. Q'ty	Part No.	SP	Description
1pc (for UC, J)			
	⚠ 1-559-132-00	s	CORD, POWER 3P
1pc (for EK)			
	⚠ 1-556-371-00	s	CORD, POWER
1pc	1-413-285-12	o	POWER UNIT
(This unit includes the following parts.)			
1pc	9-992-537-01	s	FLAT CABLE ASSY, PST-001 Includes the following connectors. CN4F (to LE-51 board) CN63F (to TX-12 board)
CB1	⚠ 1-532-622-00	s	CIRCUIT BREAKER, AC250V 20A
CN1	1-536-876-11	o	TERMINAL 12P
CN2M	1-561-086-00	o	HOUSING, 9P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CN3M	1-561-087-00	o	HOUSING, 15P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CN6	⚠ 1-537-060-11	o	TERMINAL, 2P
CN7F	⚠ 1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN8F	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN9F	1-509-988-00	o	HOUSING, IL 8P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN11F	⚠ 1-561-069-00	o	HOUSING, 2P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN12F	1-509-987-00	o	HOUSING, IL 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN16M	1-566-359-11	o	HOUSING, 12P
	1-561-068-00	o	CONTACT, MALE AWG22-28
CN51F	1-562-849-21	o	HOUSING, 12P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN52F	1-562-849-21	o	HOUSING, 12P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN53F	1-562-849-21	o	HOUSING, 12P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN54F	1-562-849-21	o	HOUSING, 12P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN55F	1-562-849-21	o	HOUSING, 12P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN56F	1-562-849-21	o	HOUSING, 12P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN57F	1-509-987-00	o	HOUSING, IL, 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN58F	1-509-987-00	o	HOUSING, IL, 6P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN59F	1-509-984-00	o	HOUSING, IL, 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN60F	1-509-985-00	o	HOUSING, IL, 4P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN61F	1-509-984-00	o	HOUSING, IL, 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN62F	1-509-984-00	o	HOUSING, IL, 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN64F	1-509-984-00	o	HOUSING, IL, 3P
	1-560-298-00	o	CONTACT, FEMALE AWG22-28
CN70F	1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN70M	1-564-070-11	o	HOUSING, 3P
	1-561-068-00	o	CONTACT, MALE AWG14-20

(FRAME/POWER SUPPLY, DVPC-1000)

Ref. No. Q'ty	Part No.	SP	Description
CN72F	⚠ 1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN72M	⚠ 1-564-070-11	o	HOUSING, 3P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CN73F	⚠ 1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN73M	⚠ 1-564-070-11	o	HOUSING, 3P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CN74F	⚠ 1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN74M	⚠ 1-564-070-11	o	HOUSING, 3P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CN75F	⚠ 1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN75M	⚠ 1-564-070-11	o	HOUSING, 3P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CN76F	⚠ 1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN76M	⚠ 1-564-070-11	o	HOUSING, 3P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CN77F	⚠ 1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN77M	⚠ 1-564-070-11	o	HOUSING, 3P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CN78F	⚠ 1-561-828-00	o	HOUSING, 3P
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
CN78M	⚠ 1-564-070-11	o	HOUSING, 3P
	1-561-068-00	o	CONTACT, MALE AWG14-20
CP1	⚠ 1-101-534-00	s	CR PACK, R=120 C=0.1
CP2	⚠ 1-101-534-00	s	CR PACK, R=120 C=0.1
CP3	⚠ 1-101-534-00	s	CR PACK, R=120 C=0.1
D1	⚠ 9-988-388-01	s	DIODE FSM-30C4
LP1	⚠ 9-988-385-01	s	LINE FILTER 250V/15A
M1	⚠ 1-541-203-00	s	FAN, DC12V
M2	⚠ 1-541-203-00	s	FAN, DC12V
M3	⚠ 1-541-203-00	s	FAN, DC12V
PU1	⚠ 1-413-278-11	s	REGULATOR, SWITCHING +5V/1KW
PU2	⚠ 1-413-281-11	s	REGULATOR, SWITCHING −5V/60W
PU3	⚠ 1-413-279-11	s	REGULATOR, SWITCHING −18V/100W
PU4	⚠ 1-413-279-11	s	REGULATOR, SWITCHING +18V/100W
PU5	⚠ 1-413-280-11	s	REGULATOR, SWITCHING +12V/60W
R1	⚠ 9-988-386-01	s	RES, WIREWOUND 10 15W
R2	⚠ 9-988-387-01	s	RES, WIREWOUND 30 60W
RL1	⚠ 9-984-739-01	s	RELAY
RL2	⚠ 9-984-738-01	s	RELAY
S1	⚠ 1-552-060-00	s	SWITCH, ROCKER, VOLTAGE SELECTOR
S2	⚠ 1-552-060-00	s	SWITCH, ROCKER, VOLTAGE SELECTOR
S3	⚠ 1-552-060-00	s	SWITCH, ROCKER, VOLTAGE SELECTOR
S4	⚠ 1-552-060-00	s	SWITCH, ROCKER, VOLTAGE SELECTOR
S5	⚠ 1-552-060-00	s	SWITCH, ROCKER, VOLTAGE SELECTOR
S6	⚠ 1-552-060-00	s	SWITCH, ROCKER, VOLTAGE SELECTOR
S7	⚠ 1-552-060-00	s	SWITCH, ROCKER, VOLTAGE SELECTOR
S8	⚠ 1-552-060-00	s	SWITCH, ROCKER, VOLTAGE SELECTOR
S9	⚠ 1-570-258-32	s	SWITCH, THERMAL 70℃
T1	⚠ 1-448-387-13	s	TANSFOMER, POWER

ACCESSORIES SUPPLIED, DVPC-1000

Ref. No. Q'ty	Part No.	SP	Description
1pc	1-556-535-31	s	CN-B CABLE ASSY
1pc	1-559-042-12	s	CN-A CABLE ASSY, 1m
1pc	1-559-044-11	s	DIGITAL AUDIO CABLE ASSY
2pcs	1-559-043-11	s	DIGITAL VIDEO CABLE ASSY
1pc	A-6001-008-A	s	EXTENTION BOARD, EX-131
(This assembly includes the following parts.)			
1pc	A-6001-013-A	o	LEVER (RIGHT) ASSY, EJECT
1pc	A-6001-014-A	o	LEVER (LEFT) ASSY, EJECT
CN101M	1-506-748-11	s	RECEP, DIN 96P, MALE
CN102M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN103M	1-506-746-11	s	RECEP, DIN 48P, MALE
CN104F	1-563-341-11	s	RECEP, DIN 96P, FEMALE
CN105F	1-563-339-11	o	RECEP, DIN 48P, FEMALE
CN106F	1-563-339-11	o	RECEP, DIN 48P, FEMALE
1pc	7-621-759-35	s	SCREW, +PSW, 2.6X5
21pcs	7-621-759-45	s	SCREW, +PSW, 2.6X6
4pcs	7-621-759-75	s	SCREW, +PSW, 2.6X10
6pcs	7-622-205-05	s	NUT M2 TYPE2
12pcs	7-628-253-40	s	SCREW, +PS2X10
4pcs	7-682-947-01	s	SCREW, +PSW3X6
1pc	A-6001-009-A	o	ANGLE (R) ASSY, RACK
(This assembly includes the following parts.)			
1pc	3-648-409-00	o	HANDLE, (1)
2pcs	7-682-262-09	s	SCREW +K4X10
1pc	A-6001-010-A	o	ANGLE (L) ASSY, RACK
(This assembly includes the following parts.)			
1pc	3-648-409-00	o	HANDLE, (1)
2pcs	7-682-262-09	s	SCREW +K4X10

OPTIONAL FIXTURE, DVPC-1000

Refer to Section D. "REPLACEABLE PARTS & OPTIONAL FIXTURE" of the DVR-1000 Maintenance Manual.

SECTION E
CHANGED PARTS

UP TO #10099 (DVPC-1000;J) UP TO #10099 (DVPC-1000;UC) UP TO #10099 (DVPC-1000;EK)				#10101 & UP (DVPC-1000;J) #10101 & UP (DVPC-1000;UC) #10101 & UP (DVPC-1000;EK)		
DP-60 BOARD						
C1,2,3,4,5,6,7	1-162-781-11	s	CAP, CERAMIC 0.022μF 5% 50V	1-161-379-00	s	CAP, CERAMIC 0.01μF 20% 25V
FM-09A/09B BOARD						
C107	NOT IN USE			1-102-108-00	s	CAP, CERAMIC 150PF 10% 50V
IE-17 BOARD						
ICA10	8-759-202-11	s	IC TC74HC00P	8-759-904-79	s	IC 74F00PC
R126	NOT IN USE			1-215-445-00	s	RES, METAL 10K 1% 1/6W
VA-45 BOARD						
C133,233	NOT IN USE			1-107-042-00	s	CAP, MICA 2.2PF ±0.5PF 500V

UP TO #10199 (DVPC-1000;J) UP TO #10199 (DVPC-1000;UC) UP TO #10199 (DVPC-1000;EK)				#10201 & UP (DVPC-1000;J) #10201 & UP (DVPC-1000;UC) #10201 & UP (DVPC-1000;EK)		
AA-29 BOARD						
C524,624,724,824	1-109-547-00	s	CAP, MICA 330PF 5% 100V	1-103-721-00	s	CAP, STYROL 680PF 5% 50V
IC504	8-759-202-11	s	IC TC74HC00P	8-759-202-24	s	IC TC74HC86P
IC505	8-759-921-06	s	IC PCM53JP-I	8-759-923-89	s	IC PCM53KP-V-S
IC604	8-759-202-11	s	IC TC74HC00P	8-759-202-24	s	IC TC74HC86P
IC605	8-759-921-06	s	IC PCM53JP-I	8-759-923-89	s	IC PCM53KP-V-S
IC704	8-759-202-11	s	IC TC74HC00P	8-759-202-24	s	IC TC74HC86P
IC705	8-759-921-06	s	IC PCM53JP-I	8-759-923-89	s	IC PCM53KP-V-S
IC804	8-759-202-11	s	IC TC74HC00P	8-759-202-24	s	IC TC74HC86P
IC805	8-759-921-06	s	IC PCM53JP-I	8-759-923-89	s	IC PCM53KP-V-S
JP101,102,201,202, 301,302,401,402	1-560-733-00	s	PIN, SHORT	CN111,112,211,212,311,312,411,412		
R544	1-215-421-00	s	RES, METAL 1K 1% 1/6W	1-215-409-00	s	RES, METAL 330 1% 1/6W
R566	NOT IN USE			1-215-433-00	s	RES, METAL 3.3K 1% 1/6W
R644	1-215-421-00	s	RES, METAL 1K 1% 1/6W	1-215-409-00	s	RES, METAL 330 1% 1/6W
R666	NOT IN USE			1-215-433-00	s	RES, METAL 3.3K 1% 1/6W
R744	1-215-421-00	s	RES, METAL 1K 1% 1/6W	1-215-409-00	s	RES, METAL 330 1% 1/6W
R766	NOT IN USE			1-215-433-00	s	RES, METAL 3.3K 1% 1/6W
R844	1-215-421-00	s	RES, METAL 1K 1% 1/6W	1-215-409-00	s	RES, METAL 330 1% 1/6W
R866	NOT IN USE			1-215-433-00	s	RES, METAL 3.3K 1% 1/6W
RV504,604,704,804	1-230-749-11	s	RES, VAR, CERMET 5K	1-230-747-11	s	RES, VAR, CERMET 1K
AP-14 BOARD						
JP1	1-560-733-00	s	PIN, SHORT	CN1		

UP TO #10199 (DVPC-1000;J) UP TO #10199 (DVPC-1000;UC) UP TO #10199 (DVPC-1000;EK)				#10201 & UP (DVPC-1000;J) #10201 & UP (DVPC-1000;UC) #10201 & UP (DVPC-1000;EK)		
AU-86 BOARD						
C113,114,115,116	1-102-114-00	s	CAP, CERAMIC 470PF 10% 50V	1-162-761-11	s	CAP, CERAMIC 470PF 5% 50V
JP1	1-560-733-00	s	PIN, SHORT	CN1		
TG-28 BOARD						
R178,179,180,181,182, 183,184,185,186,187	NOT IN USE			1-215-445-00	s	RES, METAL 10K 1% 1/6W
VA-45 BOARD						
C636,637	NOT IN USE			1-162-781-11	s	CAP, CERAMIC 0.022 μF 5% 50V
CN29	NOT IN USE			1-560-733-00	s	PIN, SHORT
IC610	NOT IN USE			8-749-936-61	s	IC BX366A
IC901	NOT IN USE			8-759-918-33	s	IC CX20160
ICD4	8-759-902-40	s	IC SN74LS240N	8-759-904-87	s	IC 74F374PC
ICE3	8-759-904-87	s	IC 74F374PC	8-759-903-74	s	IC SN74LS374N
ICE4	NOT IN USE			8-729-903-74	s	IC SN74LS374N
ICG3	8-759-904-87	s	IC 74F374PC	8-759-903-74	s	IC SN74LS374N
ICG4	NOT IN USE			8-729-903-74	s	IC SN74LS374N
ICH3	8-759-918-33	s	IC CX20160	8-759-903-74	s	IC SN74LS374N
JP1,2,3,4	1-560-733-00	s	PIN, SHORT	DELETED		
JP5-40,601,602	1-560-733-00	s	PIN, SHORT	CN5-40,601,602		
JS601	1-561-832-00	s	SOCKET, SHORT	DELETED		
Q706,707	NOT IN USE			8-729-600-60	s	TRANSISTOR 2SA1115P
R148,149,248,249	1-215-409-00	s	RES, METAL 330 1% 1/6W	1-215-411-00	s	RES, METAL 390 1% 1/6W
R348	1-215-409-00	s	RES, METAL 330 1% 1/6W	1-215-413-00	s	RES, METAL 470 1% 1/6W
R725,726	NOT IN USE			1-215-445-00	s	RES, METAL 10K 1% 1/6W
R727,728	NOT IN USE			1-215-405-00	s	RES, METAL 220 1% 1/6W
RV101	1-230-837-11	s	RES, VAR, METAL 100	1-224-934-00	s	RES, VAR, METAL 100
RV102	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV104,105	1-230-837-11	s	RES, VAR, METAL 100	1-224-934-00	s	RES, VAR, METAL 100
RV106,107	1-230-844-11	s	RES, VAR, METAL 20K	1-224-941-00	s	RES, VAR, METAL 20K
RV108	1-230-838-11	s	RES, VAR, METAL 200	1-224-934-00	s	RES, VAR, METAL 100
RV109	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV201	1-230-837-11	s	RES, VAR, METAL 100	1-224-934-00	s	RES, VAR, METAL 100
RV202	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV204,205	1-230-837-11	s	RES, VAR, METAL 100	1-224-934-00	s	RES, VAR, METAL 100
RV206,207	1-230-844-11	s	RES, VAR, METAL 20K	1-224-941-00	s	RES, VAR, METAL 20K
RV208	1-230-838-11	s	RES, VAR, METAL 200	1-224-934-00	s	RES, VAR, METAL 100
RV209	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV301	1-230-837-11	s	RES, VAR, METAL 100	1-224-934-00	s	RES, VAR, METAL 100
RV302	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV303	1-230-845-11	s	RES, VAR, METAL 50K	1-224-942-00	s	RES, VAR, METAL 50K
RV305	1-230-839-11	s	RES, VAR, METAL 500	1-224-936-00	s	RES, VAR, METAL 500
RV306	1-230-844-11	s	RES, VAR, METAL 20K	1-224-941-00	s	RES, VAR, METAL 20K
RV307	1-230-842-11	s	RES, VAR, METAL 5K	1-224-939-00	s	RES, VAR, METAL 5K
RV308	1-230-838-11	s	RES, VAR, METAL 200	1-224-934-00	s	RES, VAR, METAL 100
RV309	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K

UP TO #10199 (DVPC-1000;J) UP TO #10199 (DVPC-1000;UC) UP TO #10199 (DVPC-1000;EK)				#10201 & UP (DVPC-1000;J) #10201 & UP (DVPC-1000;UC) #10201 & UP (DVPC-1000;EK)		
(VA-45 BOARD)						
RV401	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV403	1-230-844-11	s	RES, VAR, METAL 20K	1-224-941-00	s	RES, VAR, METAL 20K
RV404	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV501	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV503	1-230-844-11	s	RES, VAR, METAL 20K	1-224-941-00	s	RES, VAR, METAL 20K
RV504	1-230-839-11	s	RES, VAR, METAL 500	1-224-936-00	s	RES, VAR, METAL 500
RV601	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV603	1-230-844-11	s	RES, VAR, METAL 20K	1-224-941-00	s	RES, VAR, METAL 20K
RV604	1-230-838-11	s	RES, VAR, METAL 200	1-224-935-00	s	RES, VAR, METAL 200
RV605	1-230-837-11	s	RES, VAR, METAL 100	1-224-934-00	s	RES, VAR, METAL 100
RV606, 702	1-230-838-11	s	RES, VAR, METAL 200	1-224-935-00	s	RES, VAR, METAL 200
RV703	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV704	1-230-840-00	s	RES, VAR, METAL 1K	1-224-935-00	s	RES, VAR, METAL 200
RV705	NOT IN USE			1-224-935-00	s	RES, VAR, METAL 200
RV801	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV802	1-230-842-11	s	RES, VAR, METAL 5K	1-224-939-00	s	RES, VAR, METAL 5K
RV831	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV832	1-230-842-11	s	RES, VAR, METAL 5K	1-224-939-00	s	RES, VAR, METAL 5K
RV861	1-230-838-11	s	RES, VAR, METAL 200	1-224-935-00	s	RES, VAR, METAL 200
RV862	1-230-842-11	s	RES, VAR, METAL 5K	1-224-939-00	s	RES, VAR, METAL 5K
VN-01 BOARD						
ICJ24	8-759-790-32	s	IC VP16V8E-VN01191	8-759-791-39	s	IC VP16V8E-VN01192
ICL32	8-759-776-10	s	IC MB7138HSK-VN01261	8-759-778-71	s	IC MB7226HSK-VN01262

UP TO #10299 (DVPC-1000;J) UP TO #10299 (DVPC-1000;UC) UP TO #10299 (DVPC-1000;EK)				#10301 & UP (DVPC-1000;J) #10301 & UP (DVPC-1000;UC) #10301 & UP (DVPC-1000;EK)		
AA-29 BOARD						
C126, 226, 326, 426	1-104-240-00	s	CAP, STYROL 0.001μF 5% 125V	1-104-302-00	s	CAP, STYROL 0.001μF 5% 50V
D104, 204, 304, 404	NOT IN USE			8-719-815-55	s	DIODE 1S1555
R159, 259, 359, 459	1-215-421-00	s	RES, METAL 1K 1% 1/6W	DELETED		
R531, 532, 631, 632, 731, 732, 831, 832	1-215-445-00	s	RES, METAL 10K 1% 1/6W	1-215-437-00	s	RES, METAL 4.7K 1% 1/6W
FM-09A/09B BOARD						
ICG25	8-759-790-82	s	IC VP16V8E-FM09371	8-759-790-82	s	IC VP16V8E-FM09372
PG-13 BOARD						
R29	NOT IN USE			1-215-445-00	s	RES, METAL 10K 1% 1/6W
RB27, 28	NOT IN USE			1-231-410-00	s	RESISTOR BLOCK, 10K×8
VA-45 BOARD						
R725, 726	1-215-445-00	s	RES, METAL 10K 1% 1/6W	1-215-433-00	s	RES, METAL 3.3K 1% 1/6W
R727, 728	1-215-405-11	s	RES, METAL 220 1% 1/6W	1-215-429-00	s	RES, METAL 2.2K 1% 1/6W

UP TO #10399 (DVPC-1000;J) UP TO #10399 (DVPC-1000;UC) UP TO #10399 (DVPC-1000;EK)				#10401 & UP (DVPC-1000;J) #10401 & UP (DVPC-1000;UC) #10401 & UP (DVPC-1000;EK)		
TG-28 BOARD						
R177	1-215-421-00	s	RES, METAL 1K 1% 1/6W	DELETED		

UP TO #10499 (DVPC-1000;J) UP TO #10499 (DVPC-1000;UC) UP TO #10499 (DVPC-1000;EK)				#10501 & UP (DVPC-1000;J) #10501 & UP (DVPC-1000;UC) #10501 & UP (DVPC-1000;EK)		
AA-29 BOARD						
R150, 250, 350, 450	1-215-437-00	s	RES, METAL 4.7K 1% 1/6W	1-215-442-00	s	RES, METAL 7.5K 1% 1/6W
R153, 253, 353, 453	1-215-437-00	s	RES, METAL 4.7K 1% 1/6W	1-215-413-00	s	RES, METAL 470 1% 1/6W
R161, 261, 361, 461	1-215-421-00	s	RES, METAL 1.0K 1% 1/6W	1-215-414-00	s	RES, METAL 510 1% 1/6W
FM-09A/09B BOARD						
ICG25	8-759-790-82	s	IC VP16V8E-FM09371	8-759-790-82	s	IC VP16V8E-FM09372
ICJ14	PENDING	s	IC MBL8749H-FM090215	PENDING	s	IC MBL8749H-FM090216
IV-14 BOARD						
RV1, 2	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV3, 4	1-230-842-11	s	RES, VAR, METAL 5K	1-224-939-00	s	RES, VAR, METAL 5K
RV5	1-230-839-11	s	RES, VAR, METAL 500	1-224-936-00	s	RES, VAR, METAL 500
RV6	1-230-845-11	s	RES, VAR, METAL 50K	1-224-942-00	s	RES, VAR, METAL 50K
RV7, 8, 9, 10, 11, 12	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV13, 14	1-230-839-11	s	RES, VAR, METAL 500	1-224-936-00	s	RES, VAR, METAL 500
RV15, 16, 17, 18, 19, 20, 21, 22	1-230-840-11	s	RES, VAR, METAL 1K	1-224-937-00	s	RES, VAR, METAL 1K
RV23, 24, 25, 26, 27, 28, 29 30, 31, 32, 33, 34, 39	1-230-838-11	s	RES, VAR, METAL 200	1-224-935-00	s	RES, VAR, METAL 200
PG-13 BOARD						
ICC12	8-759-778-92	s	IC MB7226RA-PG13013	8-759-779-55	s	IC MB7226RA-PG13014

UP TO #10499 (DVPC-1000;J) UP TO #10599 (DVPC-1000;UC) UP TO #10599 (DVPC-1000;EK)				#10501 & UP (DVPC-1000;J) #10601 & UP (DVPC-1000;UC) #10601 & UP (DVPC-1000;EK)		
AN-01 BOARD						
ICB26	8-759-778-03	s	IC MBL8742H-AN013811	8-759-778-58	s	IC MBL8742H-AN013812
FM-09 BOARD						
ICB24	8-759-791-30	s	IC VP16V8E-FM09432	8-759-791-66	s	IC VP16V8E-FM09433
IE-17 BOARD						
R141	NOT IN USE			1-215-413-00	s	RES, METAL 470 1% 1/6W

UP TO #10499 (DVPC-1000;J) UP TO #10599 (DVPC-1000;UC) UP TO #10599 (DVPC-1000;EK)				#10501 & UP (DVPC-1000;J) #10601 & UP (DVPC-1000;UC) #10601 & UP (DVPC-1000;EK)		
IV-14 BOARD						
R412,413	NOT IN USE			1-215-417-00	s	RES, METAL 680 1% 1/6W
RV13,14	1-224-936-00	s	RES, VAR, METAL 500	1-230-749-11	s	RES, VAR, CERMET 5K
RV31,33	1-224-935-00	s	RES, VAR, METAL 200	1-230-746-11	s	RES, VAR, CERMET 500
RV32,34	1-224-935-00	s	RES, VAR, METAL 200	1-224-936-00	s	RES, VAR, METAL 500
VN-01 BOARD						
ICJ27	8-759-775-37	s	IC MBM27C32-VN01221	8-759-780-49	s	IC MBM27C32-VN01222

UP TO #10599 (DVPC-1000;J) UP TO #10699 (DVPC-1000;UC) UP TO #10699 (DVPC-1000;EK)				#10601 & UP (DVPC-1000;J) #10701 & UP (DVPC-1000;UC) #10701 & UP (DVPC-1000;EK)		
AU-86 BOARD						
C119,120,121,122	NOT IN USE			1-161-467-00	s	CAP, CERAMIC 470PF 5% 50V
FM-09 BOARD						
ICG13	8-759-939-50	s	IC AM2966PC	8-759-902-44	s	IC SN74LS244N
IV-14 BOARD						
5pcs	7-628-254-10	s	SCREW, +PSW 2.6×6	DELETED		
8pcs	NOT IN USE			7-628-254-20	s	SCREW, +PSW 2.6×8
SY-70 BOARD						
L11,12,13,14	NOT IN USE			1-410-312-11	s	INDUCTOR 0.22μH 20%
R115,215	1-215-445-00	s	RES, METAL 10K 1% 1/6W	DELETED		
R117,217	NOT IN USE			1-215-395-00	s	RES, METAL 82 1% 1/6W
RV8,9	NOT IN USE			1-230-838-11	s	RES, VAR, METAL 200
VE-12 BOARD						
L7,8,9,10,11,12,13 14,15,16,17,18,19, 20,21,22,23,24	NOT IN USE			1-410-316-11	s	INDUCTOR 1μH 20%
R2,4,10,12,14,16,18,20 22,24,25,26,27,28,30 32,34,36	1-215-373-31	s	RES, METAL 10 1% 1/6W	DELETED		
R50,51,52,53,54,55 56,57,58,59,60,61 62,63,64,65,66,67	NOT IN USE			1-215-391-00	s	RES, METAL 56 1% 1/6W
VN-01 BOARD						
R25	NOT IN USE			1-215-445-00	s	RES, METAL 10K 1% 1/6W

UP TO #10599 (DVPC-1000;J) UP TO #10899 (DVPC-1000;UC) UP TO #10899 (DVPC-1000;EK)				#10601 & UP (DVPC-1000;J) #10901 & UP (DVPC-1000;UC) #10901 & UP (DVPC-1000;EK)		
AE-06 BOARD						
1pc	A-6019-006-A	o	COMPLETE PCB, AE-06	A-6019-006-B	o	COMPLETE PCB, AE-06
CN1,2	NOT IN USE			1-560-733-00	s	PIN, SHORT
ICA17	8-759-777-49	s	IC MBL8742H-AE061010	8-759-779-83	s	IC MBL8742H-AE061011
ICA24	8-759-776-18	s	IC MBM27C64-AE06111	8-759-779-85	s	IC MBM27C512-AE06411
ICF23	8-759-775-04	s	IC MBM27C256-AE06121	8-759-780-44	s	IC 27C512-AE06422
ICJ9	8-759-790-05	s	IC VP16V8E-AE06231	8-759-791-42	s	IC VP16V8E-AE06531
ICK17	8-759-774-53	s	IC MB7118H-AE06071	8-759-779-86	s	IC MB7124H-AE06371
JP1	1-560-733-00	s	PIN, SHORT	DELETED		
RB30	NOT IN USE			1-231-533-00	s	RESISTOR BLOCK, 10K×4
S1	NOT IN USE			1-554-080-00	s	SWITCH, ROTARY
IF-139 BOARD						
ICF4	8-759-779-95	s	IC MBM27C256-IF1390126	8-759-784-15	s	IC MBM27C256-IF1390128
VE-12 BOARD						
C73	1-131-350-00	s	CAP, TANT 33μF 10% 35V	DELETED		
C74	1-107-049-00	s	CAP, MICA 8.2PF ±0.5PF 500V	DELETED		
ICE33	8-759-901-23	s	IC SN74LS123N	8-759-791-49	s	IC VP16V8E-VE12171
ICE34	8-759-901-74	s	IC SN74LS174N	8-759-791-48	s	IC VP16V8E-VE12161
R40	1-215-438-00	s	RES, METAL 5.1K 1% 1/6W	DELETED		
R41	1-215-474-00	s	RES, METAL 160K 1% 1/6W	DELETED		

UP TO #10699 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #10999 (DVPC-1000;EK)				#10701 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11001 & UP (DVPC-1000;EK)		
AA-29 BOARD						
CN111,112,211,212 311,312,411,412	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P
JS111,211,311,411	1-561-832-00	s	SOCKET, SHORT	1-563-859-11	s	PLUG, SHORT
R559,659,759,859	1-215-416-00	s	RES, METAL 620 1% 1/6W	1-215-413-00	s	RES, METAL 470 1% 1/6W
AE-06 BOARD						
CN1,2	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P

UP TO #10699 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #10999 (DVPC-1000;EK)				#10701 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11001 & UP (DVPC-1000;EK)		
AP-14 BOARD						
CN1	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P
AT-45 BOARD						
JP101, 102, 201, 202, 301, 302, 401, 402	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P
JS102, 202, 302, 402	1-561-832-00	s	SOCKET, SHORT	1-563-859-11	s	PLUG, SHORT
AU-86 BOARD						
CN1, 2, 3	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P
JS3	1-561-832-00	s	SOCKET, SHORT	1-563-859-11	s	PLUG, SHORT
FM-09 BOARD						
CN3, 4	1-566-618-11	o	PIN, SHORT 20P	1-566-391-11	s	PIN, CONNECTOR 20P
CN5, 6, 7, 8, 10, 11, 12, 13, 21, 22, 23	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P
ICB2	8-759-775-28	s	IC MBM27C256-FM09041	8-759-782-30	s	IC MBM27C256-FM09042
ICB9	8-759-775-27	s	IC MBM27C256-FM09031	8-759-782-31	s	IC MBM27C256-FM09032
JS1, 2, 3, 4, 5, 6, 7, 8, 9, 10	1-561-832-00	s	SOKET, SHORT	1-563-859-11	s	PLUG, SHORT
IV-14 BOARD						
JP1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P
JS1, 4, 5, 7, 10, 11, 13, 16, 17, 19, 22, 23	1-561-832-00	s	SOCKET, SHORT	1-563-859-11	s	PLUG, SHORT
PG-13 BOARD						
CN1	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P

UP TO #10699 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #10999 (DVPC-1000;EK)				#10701 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11001 & UP (DVPC-1000;EK)		
SY-70 BOARD						
CN4	1-566-618-11	s	PIN, SHORT 20P	1-566-391-11	s	PIN, CONNECTOR 20P
CN5, 6, 7, 8, 10, 11, 12	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P
JS1, 2, 3, 4, 5, 6, 7, 8, 9, 10	1-561-832-00	s	SOCKET, SHORT	1-563-859-11	s	PLUG, SHORT
ICB32	8-759-778-02	s	IC MBL8742H-SY700811	8-759-784-14	s	TC MBL8742H-SY700812
VA-45 BOARD						
C5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, CONNECTOR 2P
ICE7	8-759-777-70	s	IC MB7138HSK-VA45083	8-759-783-57	s	IC MB7138HSK-VA45084
ICH5	8-759-774-05	s	IC MB7132HSK-VA45071	8-759-783-58	s	IC MB7138HSK-VA45091
ICH13	NOT IN USE			8-759-900-74	s	IC SN74LS74AN
JS6, 8, 10, 11, 14, 21, 23, 28, 30, 33, 38, 40	1-561-832-00	s	SOCKET, SHORT	1-563-859-11	s	PLUG, SHORT
VE-12 BOARD						
C1, 2, 3, 4, 5	1-124-478-11	s	CAP, ELECT 100 20% 25V	1-124-236-00	s	CAP, ELECT 47μF 16V
CN1	1-560-733-00	s	PIN, SHORT	1-566-385-11	s	PIN, SHORT
CP7, 9, 11	8-759-107-45	s	IC μPA54HA	1-231-455-00	s	CR BLOCK, R=51, C=0.01
CP8, 10, 12	8-759-107-46	s	IC μPA64HA	1-231-455-00	s	CR BLOCK, R=51, C=0.01
CP17, 18, 19, 20	1-231-455-00	s	CR BLOCK, R=51, C=0.01	DELETED		
ICD34	8-759-904-79	s	IC 74F00PC	8-759-915-41	s	IC 74F02PC
ICJ39	NOT IN USE			8-759-793-06	s	IC VP16V8E-VE12181
R1, 3, 5, 6, 7, 8, 9, 11, 13, 15 17, 19, 21, 23, 29, 31, 33, 35	1-215-373-31	s	RES, METAL 10 1% 1/6W	DELETED		
R2, 4, 10, 12, 14, 16, 18, 20, 22 24, 25, 26, 27, 28, 30, 32, 34, 36	NOT IN USE			1-215-373-31	s	RES, METAL 10% 1/6W
R66, 67	1-215-391-00	s	RES, METAL 56 1% 1/6W	DELETED		
R68, 69	NOT IN USE			1-215-391-00	s	RES, METAL 56 1% 1/6W

UP TO #10799 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#10801 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
AT-45 BOARD						
R1	1-247-727-11	s	RES, CARBON 10 5% 1/2W	1-249-478-11	s	RES, CARBON 2.2 5% 1/2W
CI-01 BOARD						
ICA38	8-759-784-16	s	IC MBL8742H-CI013312	8-759-787-52	s	IC MBL8742H-CI013313
ICJ3, 12, 21, 30	8-759-793-16	s	IC VP16V8E-CI01382	8-759-794-66	s	IC PAL16R8B-CI01383
ICK2, 11, 20, 29	8-759-793-15	s	IC VP16V8E-CI01372	8-759-794-59	s	IC VP16V8E-CI01373

UP TO #10899 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#10901 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
IE-17 BOARD						
ICK14, 15, 16, 17, 18, 19, 21, 21	8-752-322-13	s	IC CXK5416P-45	8-759-322-16	s	IC CXK5416P-45L
VN-01 BOARD						
ICE27	8-759-782-15	s	IC MBM7138HSK-VN01411	8-759-789-19	s	IC MBM7138HSK-VN01412

UP TO #10999 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#11001 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
VN-01 BOARD						
ICM4	8-759-776-30	s	IC MB7114H-VN01052	8-759-789-67	s	IC MB7114H-VN01481
JS11	NOT IN USE			1-565-413-11	s	RECEPTACLE CONNECTOR 2P
IF-139 BOARD						
ICF6	8-752-321-06	s	IC CXK5864PN-12L	8-752-321-82	s	IC CXK5864AP-10L
VA-45 BOARD						
ICD9	8-759-774-82	s	IC MB7138HSK-VA45031	8-759-780-97	s	MB7138HSK-VA45032

UP TO #11099 (DVPC−1000;J) UP TO #20999 (DVPC−1000;UC) UP TO #11199 (DVPC−1000;EK)				#11101 & UP (DVPC−1000;J) #21001 & UP (DVPC−1000;UC) #11201 & UP (DVPC−1000;EK)		
AA−29 BOARD						
F1	1−532−926−12	s	FUSE, MICRO 10A	1−579−031−11	s	FUSE, MICRO 10A
AE−06 BOARD						
F1, 2	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
ICA1	8−759−790−02	s	IC VP16V8E−AE06201	8−759−794−20	s	IC PAL16L8B−AE06201
ICE14	8−759−790−03	s	IC VP16V8E−AE06211	8−759−794−16	s	IC PAL16R8B−AE06211
ICE25	8−759−790−04	s	IC VP16V8E−AE06221	8−759−794−21	s	IC PAL16L8B−AE06221
ICJ9	8−759−791−42	s	IC VP16V8E−AE06531	8−759−794−18	s	IC PAL16R8B−AE06531
AN−01 BOARD						
F1, 2	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
ICE17	8−759−790−97	s	IC VP16V8E−AN01281	8−759−793−92	s	IC PAL16R6B−AN01281
ICE18	8−759−790−97	s	IC VP16V8E−AN01281	8−759−793−92	s	IC PAL16R6B−AN01281
ICE19	8−759−790−97	s	IC VP16V8E−AN01281	8−759−793−92	s	IC PAL16R6B−AN01281
ICE20	8−759−790−97	s	IC VP16V8E−AN01281	8−759−793−92	s	IC PAL16R6B−AN01281
ICE23	8−759−790−99	s	IC VP16V8E−AN01301	8−759−793−93	s	IC PAL16R4B−AN01301
ICF22	8−759−790−99	s	IC VP16V8E−AN01301	8−759−793−93	s	IC PAL16R4B−AN01301
AP−14 BOARD						
F1, 2	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
AU−86 BOARD						
F1	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
ICB24	8−759−904−14	s	IC SN74ALS04AN	8−759−946−64	s	IC SN74ALS04BN
ICA24	8−759−791−44	s	IC VP16V8E−AU86521	8−759−794−19	s	IC PAL16L8B−AU86521
ICF3	8−759−791−47	s	IC VP16V8E−AU86501	8−759−794−15	s	IC PAL16R8B−AU86501
ICF4	8−759−791−47	s	IC VP16V8E−AU86501	8−759−794−15	s	IC PAL16R8B−AU86501
ICF9	8−759−791−47	s	IC VP16V8E−AU86501	8−759−794−15	s	IC PAL16R8B−AU86501
ICF10	8−759−791−47	s	IC VP16V8E−AU86501	8−759−794−15	s	IC PAL16R8B−AU86501
CI−01 BOARD						
F1, 2	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
ICF28	8−759−904−14	s	IC SN74ALS04AN	8−759−946−64	s	IC SN74ALS04BN
ICH29	8−759−904−14	s	IC SN74ALS04AN	8−759−946−64	s	IC SN74ALS04BN
ICA33	8−759−790−51	s	IC VP16V8E−CI01291	8−759−794−54	s	IC PAL16R4B−CI01291
ICA35	8−759−790−50	s	IC VP16V8E−CI01281	8−759−794−53	s	IC PAL16R8B−CI01281
ICC4	8−759−790−53	s	IC VP16V8E−CI01311	8−759−794−56	s	IC PAL16R8B−CI01311
ICC9	8−759−790−54	s	IC VP16V8E−CI01321	8−759−794−57	s	IC PAL16R8B−CI01321
ICD17	8−759−791−27	s	IC VP16V8E−CI01272	8−759−794−52	s	IC PAL16L8B−CI01272
ICD19	8−759−791−28	s	IC VP16V8E−CI01262	8−759−794−51	s	IC PAL16R8B−CI01262
ICE4	8−759−790−52	s	IC VP16V8E−CI01301	8−759−794−55	s	IC PAL16R8B−CI01301
ICF7	8−759−790−37	s	IC VP16V8E−CI01141	8−759−793−83	s	IC PAL16L8B−CI01141
ICF8	8−759−790−37	s	IC VP16V8E−CI01141	8−759−793−83	s	IC PAL16L8B−CI01141
ICF9	8−759−790−37	s	IC VP16V8E−CI01141	8−759−793−83	s	IC PAL16L8B−CI01141
ICF10	8−759−790−37	s	IC VP16V8E−CI01141	8−759−793−83	s	IC PAL16L8B−CI01141
ICF18	8−759−790−46	s	IC VP16V8E−CI01241	8−759−794−49	s	IC PAL16L8B−CI01241

UP TO #11099 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#11101 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
(CI-01 BOARD)						
ICH7	8-759-790-37	s	IC VP16V8E-CI01141	8-759-793-83	s	IC PAL16L8B-CI01141
ICH8	8-759-790-37	s	IC VP16V8E-CI01141	8-759-793-83	s	IC PAL16L8B-CI01141
ICH9	8-759-790-37	s	IC VP16V8E-CI01141	8-759-793-83	s	IC PAL16L8B-CI01141
ICH10	8-759-790-37	s	IC VP16V8E-CI01141	8-759-793-83	s	IC PAL16L8B-CI01141
ICH12	8-759-790-45	s	IC VP16V8E-CI01231	8-759-794-48	s	IC PAL16R6B-CI01231
ICH16	8-759-790-44	s	IC VP16V8E-CI01221	8-759-794-47	s	IC PAL16R6B-CI01221
ICH21	8-759-790-43	s	IC VP16V8E-CI01211	8-759-794-46	s	IC PAL16R6B-CI01211
ICH24	8-759-790-42	s	IC VP16V8E-CI01201	8-759-794-45	s	IC PAL16R6B-CI01201
DP-60 BOARD						
F1	1-532-926-12	s	FUSE, MICRO 10A	1-576-031-11	s	FUSE, MICRO 10A
FM-09 BOARD						
ICC12, 21	8-759-904-14	s	IC SN74ALS04AN	8-759-946-64	s	IC SN74ALS04BN
ICD2, 3, 4, 5, 6, 8, 9, 10, 11, 12	8-759-790-66	s	IC VP16V8E-FM09211	8-759-793-73	s	IC PAL16R6B-FM09211
F1, 2	1-532-926-12	s	FUSE, MICRO 10A	1-576-031-11	s	FUSE, MICRO 10A
ICA5	8-759-790-69	s	IC VP16V8E-FM09241	8-759-793-84	s	IC PAL16R8B-FM09241
ICA13	8-759-790-69	s	IC VP16V8E-FM09241	8-759-793-84	s	IC PAL16R8B-FM09241
ICA27	8-759-790-74	s	IC VP16V8E-FM09291	8-759-793-85	s	IC PAL16L8B-FM09291
ICB27	8-759-790-74	s	IC VP16V8E-FM09291	8-759-793-85	s	IC PAL16L8B-FM09291
ICD13	8-759-790-74	s	IC VP16V8E-FM09291	8-759-793-85	s	IC PAL16L8B-FM09291
IE-17 BOARD						
F1, 2	1-532-926-12	s	FUSE, MICRO 10A	1-576-031-11	s	FUSE, MICRO 10A
ICC10	8-759-790-22	s	IC VP16V8E-IE17131	8-759-793-89	s	IC PAL16L8B-IE17131
ICC14	8-759-790-23	s	IC VP16V8E-IE17161	8-759-793-90	s	IC PAL16R4B-IE17161
ICC15	8-759-790-23	s	IC VP16V8E-IE17161	8-759-793-90	s	IC PAL16R4B-IE17161
ICC22	8-759-791-77	s	IC VP16V8E-IE17191	8-759-794-12	s	IC PAL16R4B-IE17191
ICC24	8-759-791-77	s	IC VP16V8E-IE17191	8-759-794-12	s	IC PAL16R4B-IE17191
ICD10	8-759-790-22	s	IC VP16V8E-IE17131	8-759-793-89	s	IC PAL16L4B-IE17131
ICD12	8-759-790-23	s	IC VP16V8E-IE17161	8-759-793-90	s	IC PAL16R4B-IE17161
ICD13	8-759-790-23	s	IC VP16V8E-IE17161	8-759-793-90	s	IC PAL16R4B-IE17161
ICD22	8-759-791-77	s	IC VP16V8E-IE17191	8-759-794-12	s	IC PAL16R4B-IE17191
ICD24	8-759-791-77	s	IC VP16V8E-IE17191	8-759-794-12	s	IC PAL16R4B-IE17191
ICF10	8-759-790-22	s	IC VP16V8E-IE17131	8-759-793-89	s	IC PAL16L8B-IE17131
ICF14	8-759-790-23	s	IC VP16V8E-IE17161	8-759-793-90	s	IC PAL16R4B-IE17161
ICF15	8-759-790-23	s	IC VP16V8E-IE17161	8-759-793-90	s	IC PAL16R4B-IE17161
ICF22	8-759-791-77	s	IC VP16V8E-IE17191	8-759-794-12	s	IC PAL16R4B-IE17191
ICF24	8-759-791-77	s	IC VP16V8E-IE17191	8-759-794-12	s	IC PAL16R4B-IE17191
ICG10	8-759-790-22	s	IC VP16V8E-IE17131	8-759-793-89	s	IC PAL16L8B-IE17131
ICG12	8-759-790-23	s	IC VP16V8E-IE17161	8-759-793-90	s	IC PAL16R4B-IE17161
ICG13	8-759-790-23	s	IC VP16V8E-IE17161	8-759-793-90	s	IC PAL16R4B-IE17161
ICG22	8-759-791-77	s	IC VP16V8E-IE17191	8-759-794-12	s	IC PAL16R4B-IE17191
ICG24	8-759-791-77	s	IC VP16V8E-IE17191	8-759-794-12	s	IC PAL16R4B-IE17191
ICH14	8-759-790-24	s	IC VP16V8E-IE17181	8-759-793-91	s	IC PAL16L8B-IE17181
ICH15	8-759-790-24	s	IC VP16V8E-IE17181	8-759-793-91	s	IC PAL16L8B-IE17181
ICH16	8-759-790-24	s	IC VP16V8E-IE17181	8-759-793-91	s	IC PAL16L8B-IE17181
ICH17	8-759-790-24	s	IC VP16V8E-IE17181	8-759-793-91	s	IC PAL16L8B-IE17181
ICH18	8-759-790-24	s	IC VP16V8E-IE17181	8-759-793-91	s	IC PAL16L8B-IE17181
ICH19	8-759-790-24	s	IC VP16V8E-IE17181	8-759-793-91	s	IC PAL16L8B-IE17181
ICH20	8-759-790-24	s	IC VP16V8E-IE17181	8-759-793-91	s	IC PAL16L8B-IE17181
ICK1	8-759-790-17	s	IC VP16V8E-IE17021	8-759-793-88	s	IC PAL16L8B-IE17021
ICK2	8-759-790-18	s	IC VP16V8E-IE17061	8-759-794-24	s	IC PAL16L8B-IE17061
ICK3	8-759-790-17	s	IC VP16V8E-IE17021	8-759-793-88	s	IC PAL16L8B-IE17021
ICK4	8-759-790-20	s	IC VP16V8E-IE17081	8-759-794-26	s	IC PAL16L8B-IE17081
ICK22	8-759-790-24	s	IC VP16V8E-IE17181	8-759-793-91	s	IC PAL16L8B-IE17181

UP TO #11099 (DVPC−1000;J) UP TO #20999 (DVPC−1000;UC) UP TO #11199 (DVPC−1000;EK)				#11101 & UP (DVPC−1000;J) #21001 & UP (DVPC−1000;UC) #11201 & UP (DVPC−1000;EK)		
(IE−17 BOARD)						
ICL1	8−759−790−17	s	IC VP16V8E−IE17021	8−759−793−88	s	IC PAL16L8B−IE17021
ICL2	8−759−790−19	s	IC VP16V8E−IE17071	8−759−794−25	s	IC PAL16L8B−IE17071
ICL3	8−759−790−17	s	IC VP16V8E−IE17021	8−759−793−88	s	IC PAL16L8B−IE17021
ICL4	8−759−790−21	s	IC VP16V8E−IE17091	8−759−794−27	s	IC PAL16L8B−IE17091
ICL22	8−759−790−24	s	IC VP16V8E−IE17181	8−759−793−91	s	IC PAL16L8B−IE17181
IF−139 BOARD						
F1	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
IV−14 BOARD						
F1, 2, 3	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
PG−13 BOARD						
F1	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
SY−70 BOARD						
F1, 2	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
ICB3	8−759−904−14	s	IC SN74ALS04AN	8−759−946−64	s	IC SN74ALS04BN
ICG3	8−759−904−14	s	IC SN74ALS04AN	8−759−946−64	s	IC SN74ALS04BN
ICA15	8−759−777−43	s	IC VP16V8E−SY70132	8−759−794−38	s	IC PAL16R4B−SY70132
ICA24	8−759−790−64	s	IC VP16V8E−SY70181	8−759−794−42	s	IC PAL16L8B−SY70181
ICB1	8−759−790−61	s	IC VP16V8E−SY70151	8−759−793−97	s	IC PAL16R8B−SY70151
ICB2	8−759−791−32	s	IC VP16V8E−SY70143	8−759−794−39	s	IC PAL16R8B−SY70143
ICB13	8−759−777−45	s	IC VP16V8E−SY70122	8−759−794−37	s	IC PAL16L8B−SY70122
ICC10	8−759−790−57	s	IC VP16V8E−SY70111	8−759−793−96	s	IC PAL16R6B−SY70111
ICD10	8−759−790−55	s	IC VP16V8E−SY70091	8−759−793−94	s	IC PAL16R4B−SY70091
ICD11	8−759−790−56	s	IC VP16V8E−SY70101	8−759−793−95	s	IC PAL16R4B−SY70101
ICE19	8−759−790−62	s	IC VP16V8E−SY70161	8−759−794−40	s	IC PAL16R6B−SY70161
ICF9	8−759−790−65	s	IC VP16V8E−SY70191	8−759−794−43	s	IC PAL16R8B−SY70191
ICF15	8−759−777−43	s	IC VP16V8E−SY70132	8−759−794−38	s	IC PAL16R4B−SY70132
ICG1	8−759−790−61	s	IC VP16V8E−SY70151	8−759−793−97	s	IC PAL16R8B−SY70151
ICG2	8−759−791−32	s	IC VP16V8E−SY70143	8−759−794−39	s	IC PAL16R8B−SY70143
ICG13	8−759−777−45	s	IC VP16V8E−SY70122	8−759−794−37	s	IC PAL16L8B−SY70122
ICH10	8−759−790−57	s	IC VP16V8E−SY70111	8−759−793−96	s	IC PAL16R6B−SY70111
ICJ10	8−759−790−55	s	IC VP16V8E−SY70091	8−759−793−94	s	IC PAL16R4B−SY70091
ICJ11	8−759−790−56	s	IC VP16V8E−SY70101	8−759−793−95	s	IC PAL16R4B−SY70101
ICJ23	8−759−790−63	s	IC VP16V8E−SY70171	8−759−794−41	s	IC PAL16R6B−SY70171
TG−28 BOARD						
F1, 2	1−532−926−12	s	FUSE, MICRO 10A	1−576−031−11	s	FUSE, MICRO 10A
ICC3	8−759−790−13	s	IC VP16V8E−TG28041	8−759−794−22	s	IC PAL16L8B−TG28041
ICD4	8−759−790−14	s	IC VP16V8E−TG28051	8−759−794−23	s	IC PAL16L8B−TG28051
ICD5	8−759−790−14	s	IC VP16V8E−TG28051	8−759−794−23	s	IC PAL16L8B−TG28051
ICF22	8−759−793−08	s	IC VP16V8E−TG28211	8−759−794−13	s	IC PAL16R6B−TG28211
ICH3	8−759−790−15	s	IC VP16V8E−TG28091	8−759−793−86	s	IC PAL16L8B−TG28091
ICH6	8−759−790−15	s	IC VP16V8E−TG28091	8−759−793−86	s	IC PAL16L8B−TG28091
ICH9	8−759−790−15	s	IC VP16V8E−TG28091	8−759−793−86	s	IC PAL16L8B−TG28091
ICH12	8−759−790−15	s	IC VP16V8E−TG28091	8−759−793−86	s	IC PAL16L8B−TG28091
ICL2	8−759−790−16	s	IC VP16V8E−TG28121	8−759−793−87	s	IC PAL16R6B−TG28121
ICL5	8−759−790−16	s	IC VP16V8E−TG28121	8−759−793−87	s	IC PAL16R6B−TG28121
ICL8	8−759−790−16	s	IC VP16V8E−TG28121	8−759−793−87	s	IC PAL16R6B−TG28121
ICL11	8−759−790−16	s	IC VP16V8E−TG28121	8−759−793−87	s	IC PAL16R6B−TG28121

UP TO #11099 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#11101 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
VA-45 BOARD						
F1,801,802	1-532-926-12	s	FUSE, MICRO 10A	1-576-031-11	s	FUSE, MICRO 10A
VE-12 BOARD						
F1,2	1-532-926-12	s	FUSE, MICRO 10A	1-576-031-11	s	FUSE, MICRO 10A
ICD1,3,5,6,7,9,11	8-759-790-25	s	IC VP16V8E-VE12021	8-759-793-72	s	IC PAL16L8B-VE12021
ICE1,3,5,6,7,9,11	8-759-790-25	s	IC VP16V8E-VE12021	8-759-793-72	s	IC PAL16L8B-VE12021
VN-01 BOARD						
F1,2	1-532-926-12	s	FUSE, MICRO 10A	1-576-031-11	s	FUSE, MICRO 10A
ICE1	8-759-904-14	s	IC SN74ALS04AN	8-759-946-64	s	IC SN74ALS04BN
ICL3	8-759-904-14	s	IC SN74ALS04AN	8-759-946-64	s	IC SN74ALS04BN
ICE25	8-759-793-07	s	IC VP16V8E-VN01252	8-759-794-10	s	IC VP16V8E-VN01253

UP TO #11199 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#11201 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
VE-12 BOARD						
ICA29	8-759-774-39	s	IC MB7232RA-VE12091	8-759-786-63	s	IC MB7232RA-VE12092
ICB29	8-759-774-39	s	IC MB7232RA-VE12091	8-759-786-63	s	IC MB7232RA-VE12092
ICC31	8-759-774-40	s	IC MB7232RA-VE12121	8-759-786-64	s	IC MB7232RA-VE12122

UP TO #11299 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#21301 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
AE-06 BOARD						
ICG23	8-759-776-06	s	IC MBM27C256-AE06131	8-759-786-33	s	IC MBM27C256A-AE06131
ICG25	8-759-776-07	s	IC MBM27C256-AE06141	8-759-786-34	s	IC MBM27C256A-AE06141
ICJ4	8-759-775-05	s	IC MBM27C256-AE06161	8-759-787-54	s	IC MBM27C256A-AE06162
ICJ20	8-759-775-06	s	IC MBM27C256-AE06171	8-759-786-27	s	IC MBM27C256A-AE06171
ICJ22	8-759-775-07	s	IC MBM27C256-AE06181	8-759-787-55	s	IC MBM27C256A-AE06182
AN-01 BOARD						
ICB26	8-759-784-17	s	IC MBL8742H-AN013816	8-759-983-37	s	IC MBL8742H-AN013817
AP-14 BOARD						
ICD15,18	8-759-775-08	s	IC MBM27C256-AP14111	8-759-786-29	s	IC MBM27C256A-AP14111
ICF25	8-759-775-09	s	IC MBM27C256-AP14121	8-759-786-30	s	IC MBM27C256A-AP14121
ICK27	8-759-775-10	s	IC MBM27C256-AP14151	8-759-786-31	s	IC MBM27C256A-AP14151
ICK29	8-759-775-11	s	IC MBM27C256-AP14161	8-759-786-32	s	IC MBM27C256A-AP14161

UP TO #11299 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#21301 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
CI-01 BOARD						
ICA38	8-759-787-52	s	IC MBL8742H-CI013313	8-759-983-36	s	IC MBL8742H-CI013314
ICE7	8-759-775-25	s	IC MBM27C256-CI01091	8-759-786-58	s	IC MBM27C256A-CI01091
FM-09 BOARD						
ICA3	8-759-790-71	s	IC VP16V8E-FM09261	8-759-794-81	s	IC PAL16R4B-FM09261
ICA6	8-759-778-01	s	IC VP16V8E-FM09272	8-759-794-82	s	IC PAL16R4B-FM09272
ICA7	8-759-790-73	s	IC VP16V8E-FM09282	8-759-794-97	s	IC PAL16L8B-FM09282
ICA11	8-759-790-70	s	IC VP16V8E-FM09251	8-759-794-80	s	IC PAL16R4B-FM09251
ICA14	8-759-778-01	s	IC VP16V8E-FM09272	8-759-794-82	s	IC PAL16R4B-FM09272
ICA15	8-759-790-73	s	IC VP16V8E-FM09282	8-759-794-97	s	IC PAL16L8B-FM09282
ICB2	8-759-782-30	s	IC MBM27C256-FM09042	8-759-786-56	s	IC MBM27C256A-FM09042
ICB4,11	8-759-775-29	s	IC MBM27C256-FM09051	8-759-786-59	s	IC MBM27C256A-FM09051
ICB5,12	8-759-775-30	s	IC MBM27C256-FM09061	8-759-786-60	s	IC MBM27C256A-FM09061
ICB9	8-759-782-31	s	IC MBM27C256-FM09032	8-759-786-57	s	IC MBM27C256A-FM09032
ICB22	8-759-791-53	s	IC VP16V8E-FM09441	8-759-794-96	s	IC PAL16R6B-FM09441
ICB23	8-759-790-87	s	IC VP16V8E-FM09421	8-759-794-95	s	IC PAL16R6B-FM09421
ICB24	8-759-793-09	s	IC VP16V8E-FM09434	8-759-794-88	s	IC PAL16R4B-FM09434
ICB26	8-759-790-85	s	IC VP16V8E-FM09401	8-759-794-87	s	IC PAL16R4B-FM09401
ICC3	8-759-790-79	s	IC VP16V8E-FM09341	8-759-794-84	s	IC PAL16R4B-FM09341
ICC8	8-759-790-78	s	IC VP16V8E-FM09331	8-759-794-91	s	IC PAL16R6B-FM09331
ICE13	8-759-775-31	s	IC MBM27C256-FM09071	8-759-786-61	s	IC MBM27C256A-FM09071
ICE15	8-759-775-32	s	IC MBM27C256-FM09081	8-759-786-62	s	IC MBM27C256A-FM09081
ICF15	8-759-790-75	s	IC VP16V8E-FM09301	8-759-794-89	s	IC PAL16R6B-FM09301
ICF25	8-759-790-81	s	IC VP16V8E-FM09361	8-759-794-92	s	IC PAL16R6B-FM09361
ICG14	8-759-790-76	s	IC VP16V8E-FM09312	8-759-794-90	s	IC PAL16R6B-FM09312
ICG15	8-759-790-77	s	IC VP16V8E-FM09321	8-759-794-83	s	IC PAL16R4B-FM09321
ICG23	8-759-791-40	s	IC VP16V8E-FM09382	8-759-794-86	s	IC PAL16R4B-FM09382
ICG24	8-759-790-80	s	IC VP16V8E-FM09351	8-759-794-85	s	IC PAL16R4B-FM09351
ICG25	8-759-791-41	s	IC VP16V8E-FM09372	8-759-794-93	s	IC PAL16R6B-FM09372
IE-17 BOARD						
ICL10	8-759-775-15	s	IC MBM27C256-IE17141	8-759-786-37	s	IC MBM27C256A-IE17141
ICL12	8-759-775-16	s	IC MBM27C256-IE17151	8-759-786-38	s	IC MBM27C256A-IE17151
IF-139 BOARD						
ICF4	8-759-784-15	s	IC MBM27C256-IF1390128	8-759-786-48	s	IC MBM27C256A-IF1390129
IV-20 BOARD						
C801,802,803	NOT IN USE			1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
Q701,702	8-729-103-38	s	TRANSISTOR 2SA733-K	8-729-173-38	s	TRANSISTOR 2SA733-K
R1,52	1-205-621-11	s	RES,CERMET 2.7 5% 5W	1-205-901-11	s	RES,WIRE-WOUND 2.7 10% 5W
R801,802,803	NOT IN USE			1-215-405-00	s	RES, METAL 220 1% 1/6W
PG-13 BOARD						
ICE12	8-759-777-00	s	IC MBM27C256-PG13081	8-759-786-47	s	IC MBM27C256A-PG13081
SY-70 BOARD						
ICB13,G13	8-759-794-61	s	IC PAL16L8B-SY70123	8-759-795-91	s	IC PAL16L8B-SY70261
ICC14,H14	8-759-774-43	s	IC MB7232RA-SY70021	8-759-742-93	s	IC MB7232RA-SY70022

UP TO #11299 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#21301 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
TG-28 BOARD						
ICE17	8-759-775-12	s	IC MBM27C256-TG28081	8-759-786-44	s	IC MBM27C256A-TG28081
ICK2,5,8,11	8-759-775-14	s	IC MBM27C256-TG28111	8-759-786-46	s	IC MBM27C256A-TG28111
ICK3,6,9,12	8-759-775-13	s	IC MBM27C256-TG28101	8-759-786-45	s	IC MBM27C256A-TG28101
VE-12 BOARD						
ICB13	8-759-775-17	s	IC MBM27C256-VE12031	8-759-786-39	s	IC MBM27C256A-VE12031
ICB14	8-759-775-18	s	IC MBM27C256-VE12041	8-759-786-40	s	IC MBM27C256A-VE12041
ICB15	8-759-775-19	s	IC MBM27C256-VE12051	8-759-786-41	s	IC MBM27C256A-VE12051
ICB17	8-759-775-20	s	IC MBM27C256-VE12061	8-759-786-42	s	IC MBM27C256A-VE12061
R70,72	NOT IN USE			1-215-409-00	s	RES, METAL 330 1% 1/6W
R71,73	NOT IN USE			1-215-411-00	s	RES, METAL 390 1% 1/6W
VN-01 BOARD						
ICA2	8-759-793-04	s	IC VP16V8E-VN01311	8-759-794-76	s	IC PAL16R8B-VN01311
ICE6	8-759-790-28	s	IC VP16V8E-VN01061	8-759-794-74	s	IC PAL16R8B-VN01061
ICE9	8-759-790-27	s	IC VP16V8E-VN01041	8-759-794-72	s	IC PAL16R6B-VN01041
ICF8	8-759-790-27	s	IC VP16V8E-VN01041	8-759-794-72	s	IC PAL16R6B-VN01041
ICM3	8-759-793-02	s	IC VP16V8E-VN01462	8-759-794-77	s	IC PAL16R8B-VN01462

UP TO #21302 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#21401 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
AN-01 BOARD						
ICA18	8-759-791-06	s	IC VP16V8E-AN01371	8-759-795-18	s	IC PAL16R8B-AN01371
ICA20	8-759-791-74	s	IC VP16V8E-AN01431	8-759-795-20	s	IC PAL16R8B-AN01431
ICA21	8-759-791-04	s	IC VP16V8E-AN01351	8-759-795-16	s	IC PAL16R8B-AN01351
ICA23	8-759-791-02	s	IC VP16V8E-AN01331	8-759-795-14	s	IC PAL16R8B-AN01331
ICA24	8-759-791-01	s	IC VP16V8E-AN01321	8-759-795-13	s	IC PAL16R8B-AN01321
ICB16	8-759-790-92	s	IC VP16V8E-AN01231	8-759-795-06	s	IC PAL16R8B-AN01231
ICE22	8-759-790-98	s	IC VP16V8E-AN01291	8-759-795-11	s	IC PAL16R8B-AN01291
ICF16	8-759-790-91	s	IC VP16V8E-AN01221	8-759-795-05	s	IC PAL16R6B-AN01221
ICF20	8-759-790-96	s	IC VP16V8E-AN01271	8-759-795-10	s	IC PAL16R8B-AN01271
ICF21	8-759-790-98	s	IC VP16V8E-AN01291	8-759-795-11	s	IC PAL16R8B-AN01291
ICG8	8-759-790-93	s	IC VP16V8E-AN01241	8-759-795-07	s	IC PAL16R8B-AN01241
ICH23	8-759-790-89	s	IC VP16V8E-AN01201	8-759-795-03	s	IC PAL16R6B-AN01201
ICJ6	8-759-791-00	s	IC VP16V8E-AN01311	8-759-795-12	s	IC PAL16L8B-AN01311
ICJ12	8-759-790-95	s	IC VP16V8E-AN01261	8-759-795-09	s	IC PAL16R6B-AN01261
ICJ16	8-759-791-76	s	IC VP16V8E-AN01401	8-759-795-19	s	IC PAL16R8B-AN01401
AP-14 BOARD						
ICB15	8-759-790-06	s	IC VP16V8E-AP14201	8-759-795-27	s	IC PAL16L8B-AP14201
ICC20	8-759-790-07	s	IC VP16V8E-AP14211	8-759-795-22	s	IC PAL16R6B-AP14211
ICC23	8-759-790-08	s	IC VP16V8E-AP14221	8-759-795-26	s	IC PAL16L8B-AP14221
ICD21	8-759-790-09	s	IC VP16V8E-AP14231	8-759-795-23	s	IC PAL16R8B-AP14231
ICF14	8-759-790-10	s	IC VP16V8E-AP14241	8-759-795-24	s	IC PAL16R8B-AP14241
ICG9	8-759-790-11	s	IC VP16V8E-AP14251	8-759-795-25	s	IC PAL16R8B-AP14251
ICK25	8-759-790-12	s	IC VP16V8E-AP14261	8-759-795-21	s	IC PAL16R4B-AP14261
AU-86 BOARD						
JS3	1-565-413-11	s	RECEPTACLE CONNECTOR 2P	DELETED		

UP TO #21499 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#21501 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
AA-29 BOARD						
IC507,607,707,807	8-759-240-53	s	IC TC4053BP	8-759-040-53	s	IC MC14053BCP
PG-13 BOARD						
ICE16	8-759-002-01	s	IC MC74F157N	8-759-031-37	s	IC MC74F157AN
VE-12 BOARD						
C135,136	NOT IN USE			1-107-210-00	s	CAP, MICA 22PF 5% 500V

UP TO #21599 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#21601 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
AT-45 BOARD						
6PC	7-628-253-10	s	SCREW +PS 2×5	7-628-253-20	s	SCREW +PS 2×6
FM-09 BOARD						
ICJ14	PENDING	s	IC MBL8749H	8-759-983-35	s	IC MBL8749H-FM090217
IF-139 BOARD						
ICF4	8-759-786-48	s	IC MBM27C256A-IF1390129	8-759-741-09	s	IC MBM27C256A-IF13090135
VN-01 BOARD						
ICE26	8-759-782-16	s	IC MB7138HSK-VN01421	8-759-740-89	s	IC MB7138HSK-VN01422

UP TO #21799 (DVPC-1000;J) UP TO #20999 (DVPC-1000;UC) UP TO #11199 (DVPC-1000;EK)				#21801 & UP (DVPC-1000;J) #21001 & UP (DVPC-1000;UC) #11201 & UP (DVPC-1000;EK)		
PANEL (1) ASSY, REAR						
6pcs	4-606-363-11	s	POST	3-722-732-01	s	SCREW, SLIDE LOCK

DVPC-1000 (J)
DVPC-1000 (UC)
DVPC-1000 (EK)
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